

09/486,677

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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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and June 2004
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NEWS 6 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 7 May 17 FRFULL now available on STN
NEWS 8 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in CAplus
NEWS 9 May 27 CAplus super roles and document types searchable in REGISTRY
NEWS 10 May 27 Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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Property values tagged with IC are from the ZIC/VINITI data file

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provided by InfoChem.

STRUCTURE FILE UPDATES: 21 JUN 2004 HIGHEST RN 697224-75-2
DICTIONARY FILE UPDATES: 21 JUN 2004 HIGHEST RN 697224-75-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 965 AND 1006

L1 SCREEN CREATED

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 1838

L2 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\09486677.str

Me CH25-20 EtO2-6 n-PrO1-4 H 1 2 3 4 5 6

chain nodes :

1 2 3 4 5 6

chain bonds :

1-2 2-3 3-4 4-5 5-6

exact bonds :

1-2 2-3 3-4 4-5 5-6

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS

L3 STRUCTURE UPLOADED

=> que L3 AND L1 NOT L2

L4 QUE L3 AND L1 NOT L2

=> d

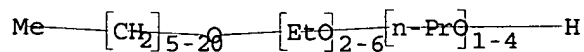
L4 HAS NO ANSWERS

L1 SCR 965 AND 1006

L2 SCR 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 1838

L3 STR

09/486,677



Structure attributes must be viewed using STN Express query preparation.
L4 QUE L3 AND L1 NOT L2

=> s l4

SAMPLE SEARCH INITIATED 07:36:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L3 AND L1 NOT L2

=> s l4 ful

FULL SEARCH INITIATED 07:36:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L3 AND L1 NOT L2

=> file marpat

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.84	156.05

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 25) (20040618/ED)

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(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6734206 11 MAY 2004
DE 10351214 08 APR 2004
EP 1422285 26 MAY 2004
JP 2004143163 20 MAY 2004
WO 2004038063 06 MAY 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l4 ful

QUERY CONTAINS NON-SEARCHABLE SCREENS IN L1.
QUERY CONTAINS NON-SEARCHABLE SCREENS IN L2.
ONLY STRUCTURE L3 WILL BE SEARCHED.
STRUCTURE TOO LARGE - SEARCH ENDED

09/486,677

A structure in your query is too large. You may delete attributes or atoms to reduce the size of the structure and try again.

=>Testing the current file.... screen

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Please change to a suitable file and repeat your upload

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> d his

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L1	SCREEN 965 AND 1006
L2	SCREEN 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 1838
L3	STRUCTURE UPLOADED
L4	QUE L3 AND L1 NOT L2
L5	0 S L4
L6	0 S L4 FUL

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=> file chemistry patent

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FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.84	156.89

FULL ESTIMATED COST

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=> s random (5a) fatty (5a) alcohol (5a) alkoxyate#
33 FILES SEARCHED...
54 FILES SEARCHED...
65 FILES SEARCHED...

L7 1 RANDOM (5A) FATTY (5A) ALCOHOL (5A) ALKOXYLATE#

=> d

L7 ANSWER 1 OF 1 USPATFULL on STN

AN 97:52078 USPATFULL

TI Preparation of products of the reaction of polyaspartimide and amino acids and the use thereof

IN Kroner, Matthias, Eisenberg, Germany, Federal Republic of
Schornick, Gunnar, Neuleiningen, Germany, Federal Republic of
Boeckh, Dieter, Limburgerhof, Germany, Federal Republic of
Baur, Richard, Mutterstadt, Germany, Federal Republic of
Potthoff-Karl, Birgit, Ludwigshafen, Germany, Federal Republic of
Schwendemann, Volker, Neustadt, Germany, Federal Republic of
Schade, Christian, Ludwigshafen, Germany, Federal Republic of
Kud, Alexander, Eppelsheim, Germany, Federal Republic of
PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
(non-U.S. corporation)

PI US 5639832 19970617

WO 9420563 19940915

AI US 1995-507291 19950906 (8)

WO 1994-EP511 19940223

19950906 PCT 371 date

19950906 PCT 102(e) date

PRAI DE 1993-4307114 19930306

DT Utility

FS Granted

09/486,677

LN.CNT 480

INCL INCLM: 525/419.000
INCLS: 525/418.000; 525/425.000; 525/432.000; 252/180.000; 252/175.000;
510/501.000

NCL NCLM: 525/419.000
NCLS: 252/175.000; 252/180.000; 510/501.000; 525/418.000; 525/425.000;
525/432.000

IC [6]

ICM: C08F283-00

ICS: C08G063-91

EXF 525/419; 525/418; 525/425; 525/432; 252/89.1; 252/180

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

113.66

270.55

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jun 18, 2004 (20040618/UP).

=> file chemistry patent

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COST IN U.S. DOLLARS

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TOTAL

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0.48

271.03

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FILE 'FSTA' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'PATDD' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'PATDPA' ENTERED AT 07:49:22 ON 22 JUN 2004
COPYRIGHT (c) 2004 Deutsches Patent- und Markenamt / FIZ Karlsruhe (DPMA/FIZ KA)

FILE 'PATDPAFULL' ENTERED AT 07:49:22 ON 22 JUN 2004
COPYRIGHT (C) 2004 DPMA

FILE 'PATOSDE' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'PATOSEP' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'PATOSWO' ENTERED AT 07:49:22 ON 22 JUN 2004
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'PCTFULL' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'PIRA' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'PROUSSDR' ENTERED AT 07:49:22 ON 22 JUN 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'PS' ENTERED AT 07:49:22 ON 22 JUN 2004
COPYRIGHT (C) 2004 Thieme on STN

FILE 'SYNTHLINE' ENTERED AT 07:49:22 ON 22 JUN 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'USPATFULL' ENTERED AT 07:49:22 ON 22 JUN 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 07:49:22 ON 22 JUN 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'WPIFV' ENTERED AT 07:49:22 ON 22 JUN 2004
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s eo (10a) po
46 FILES SEARCHED...
L8 14828 EO (10A) PO

=> s fatty (3a) alcohol and l8
39 FILES SEARCHED...
65 FILES SEARCHED...
L9 2262 FATTY (3A) ALCOHOL AND L8

=> propylene oxide and ethylene oxide and l9
PROPYLENE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s propylene oxide and ethylene oxide and l9
33 FILES SEARCHED...
54 FILES SEARCHED...
73 FILES SEARCHED...
L10 1761 PROPYLENE OXIDE AND ETHYLENE OXIDE AND L9

=> alkoxyrate# and l10
ALKOXYRATE# IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s alkoxyrate# and l10
33 FILES SEARCHED...
53 FILES SEARCHED...
67 FILES SEARCHED...
L11 1122 ALKOXYRATE# AND L10

09/486,677

```
=> s polymer# and l11
33 FILES SEARCHED...
54 FILES SEARCHED...
65 FILES SEARCHED...
L12      1004 POLYMER# AND L11
```

```
=> d1
D1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> d
```

```
L12  ANSWER 1 OF 1004  CBNB  COPYRIGHT 2004 EI on STN
AN   13(18):23584  CBNB
TI   Dehypon: The opposite of foam. Low foaming surfactants from Henkel.
SO   Chimica Oggi (Feb Jan 1997) 15 (1/2), 17, (900 plus words)
      CODEN: CHOGDS  ISSN: 0392-839X
DT   Journal; (Overview)
LA   English
PY   1997
```

```
=> d his
```

(FILE 'HOME' ENTERED AT 07:35:37 ON 22 JUN 2004)

FILE 'REGISTRY' ENTERED AT 07:36:18 ON 22 JUN 2004

```
L1      SCREEN 965 AND 1006
L2      SCREEN 1992 OR 2016 OR 2021 OR 2026 OR 1929 OR 1838
L3      STRUCTURE UPLOADED
L4      QUE L3 AND L1 NOT L2
L5      0 S L4
L6      0 S L4 FUL
```

FILE 'MARPAT' ENTERED AT 07:37:24 ON 22 JUN 2004

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, DISSABS, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 07:38:43 ON 22 JUN 2004

```
L7      1 S RANDOM (5A) FATTY (5A) ALCOHOL (5A) ALKOXYLATE#
```

FILE 'STNGUIDE' ENTERED AT 07:44:22 ON 22 JUN 2004

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, DISSABS, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 07:49:22 ON 22 JUN 2004

```
L8      14828 S EO (10A) PO
L9      2262 S FATTY (3A) ALCOHOL AND L8
L10     1761 S PROPYLENE OXIDE AND ETHYLENE OXIDE AND L9
L11     1122 S ALKOXYLATE# AND L10
L12     1004 S POLYMER# AND L11
```

```
=> s 18 (20a) (value or number or mol?)
9 FILES SEARCHED...
20 FILES SEARCHED...
24 FILES SEARCHED...
```

09/486,677

35 FILES SEARCHED...
41 FILES SEARCHED...
50 FILES SEARCHED...
54 FILES SEARCHED...
61 FILES SEARCHED...
65 FILES SEARCHED...
73 FILES SEARCHED...

L13 5419 L8 (20A) (VALUE OR NUMBER OR MOL?)

=> s value or number or mol?

<-----User Break----->

SEARCH ENDED BY USER

=> s l13 and l12

48 FILES SEARCHED...
L14 361 L13 AND L12

=> s 1900-1998/py and l14

6 FILES SEARCHED...
10 FILES SEARCHED...
16 FILES SEARCHED...
17 FILES SEARCHED...
'PY' IS NOT A VALID FIELD CODE
'PY' IS NOT A VALID FIELD CODE
24 FILES SEARCHED...
33 FILES SEARCHED...
35 FILES SEARCHED...
40 FILES SEARCHED...
46 FILES SEARCHED...
50 FILES SEARCHED...
56 FILES SEARCHED...
60 FILES SEARCHED...
65 FILES SEARCHED...
'PY' IS NOT A VALID FIELD CODE
73 FILES SEARCHED...
L15 79 1900-1998/PY AND L14

=> d 1-79 ti

L15 ANSWER 1 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
TIEN THERMOPLASTIC-COMPATIBLE RINSE AID.

L15 ANSWER 2 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
TIEN Nonaqueous gelled automatic dishwashing composition containing enzymes.

L15 ANSWER 3 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
TIEN Hair conditioning composition.

L15 ANSWER 4 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.

L15 ANSWER 5 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.

L15 ANSWER 6 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
TIEN LOW VISCOSITY DEFOAMING/ANTIFOAMING FORMULATIONS.

L15 ANSWER 7 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
TIEN CAST DETERGENT SYSTEMS.

L15 ANSWER 8 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
 TIEN Nonaqueous liquid automatic dishwasher detergent composition.
 TIEN Nonaqueous liquid automatic dishwasher detergent composition.

L15 ANSWER 9 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN
 TIEN Process for the manufacture of laking products with improved application properties.

L15 ANSWER 10 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN METHOD FOR CLEANING FOOD PREPARATION SURFACES
 TIFR COMPOSITIONS ET PROCEDES D'ELIMINATION DES HUILES ET GRAISSES DES SURFACES DE PREPARATION D'ALIMENTS

L15 ANSWER 11 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN CONCENTRATED DISINFECTANT COMPOSITIONS
 TIFR COMPOSITIONS DESINFECTANTES CONCENTREES

L15 ANSWER 12 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN BINDING AGENT FOR SOLID BLOCK FUNCTIONAL MATERIAL
 TIFR AGENT DE LIAISON POUR PRODUIT FONCTIONNEL EN BLOC SOLIDE

L15 ANSWER 13 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN A COMBINATION OF A NONIONIC SILICONE SURFACTANT AND A NONIONIC SURFACTANT IN A SOLID BLOCK DETERGENT
 TIFR COMBINAISON D'UN TENSIO-ACTIF SILICONE NON IONIQUE ET D'UN TENSIO-ACTIF NON IONIQUE DANS UN DETERGENT EN BLOC SOLIDE

L15 ANSWER 14 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN AQUEOUS DISINFECTING CLEANING COMPOSITION
 TIFR COMPOSITION AQUEUSE DE NETTOYAGE ET DE DESINFECTION

L15 ANSWER 15 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN POLYOXYALKYLENE SURFACTANTS
 TIFR TENSIOACTIFS DE POLYOXYALKYLENE

L15 ANSWER 16 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN DETERGENT COMPOSITION
 TIFR COMPOSITION DE DETERGENT

L15 ANSWER 17 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN MID-CHAIN BRANCHED SURFACTANTS
 TIFR TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE

L15 ANSWER 18 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN DETERGENT COMPOSITIONS CONTAINING SELECTED MID-CHAIN BRANCHED SURFACTANTS
 TIFR COMPOSITIONS DETERGENTES CONTENANT DES TENSIOACTIFS SELECTIONNES RAMIFIES EN MILIEU DE CHAINE

L15 ANSWER 19 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN LIQUID CLEANING COMPOSITIONS CONTAINING SELECTED MID-CHAIN BRANCHED SURFACTANTS
 TIFR COMPOSITIONS LIQUIDES NETTOYANTES CONTENANT DES TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE SELECTIONNES

L15 ANSWER 20 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 TIEN MID-CHAIN BRANCHED PRIMARY ALKYL **ALKOXYLATED** SULPHATE SURFACTANTS
 TIFR TENSIOACTIFS DE SULFATE ALCOXYLE D'ALKYLE PRIMAIRE RAMIFIE EN MILIEU DE CHAINE

09/486,677

L15 ANSWER 21 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN LIQUID COMPOSITIONS COMPRISING COPOLYMER MILDNESS ACTIVES
TIFR COMPOSITIONS LIQUIDES CONTENANT DES COPOLYMERES ACTIFS ADOUCISSANTS

L15 ANSWER 22 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN PROCESS FOR REMOVING INKS FROM WASTE PAPER
TIFR PROCEDE DE DESENCRAGE DU PAPIER DE RECUPERATION

L15 ANSWER 23 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN NOVEL SURFACTANT COMPOSITIONS AND THE USE THEREOF IN PAPER DEINKING
TIFR NOUVELLES COMPOSITIONS TENSIOACTIVES ET LEUR UTILISATION DANS LE
DESENCRAGE DU PAPIER

L15 ANSWER 24 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN CROSS-LINKABLE PERMANENT SURFACE TREATMENT AGENTS
TIFR AGENTS DE TRAITEMENT DE SURFACE RETICULABLES PERMANENTS

L15 ANSWER 25 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN SURFACTANT COMPOSITIONS
TIFR COMPOSITIONS D'AGENTS TENSIO-ACTIFS

L15 ANSWER 26 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN RECYCLING OF FIBRE PRODUCTS
TIFR RECYCLAGE DE PRODUITS A BASE DE FIBRES

L15 ANSWER 27 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN THERMOPLASTIC-COMPATIBLE RINSE AID
TIFR COMPOSITION DE RINCAGE COMPATIBLE AVEC LES MATIERES THERMOPLASTIQUES

L15 ANSWER 28 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN RINSE AID FOR PLASTICWARE
TIFR AGENT DE RINCAGE POUR VAISSELLE EN PLASTIQUE

L15 ANSWER 29 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN DRYER-ACTIVATED FABRIC CONDITIONING COMPOSITIONS CONTAINING
ETHOXYLATED/PROPOXYLATED SUGAR DERIVATIVES
TIFR COMPOSITIONS D'ADOUCCISSEMENT DE TISSUS ACTIVEES PAR SECHAGE EN MACHINE
ET CONTENANT DES DERIVES DE SUCRE ETHOXYLES/PROPOXYLES

L15 ANSWER 30 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN AQUEOUS LUBRICANT AND SURFACE CONDITIONER FOR FORMED METAL SURFACES
TIFR AGENT DE CONDITIONNEMENT DE SURFACE/LUBRIFIANT AQUEUX POUR DES SURFACES
METALLIQUES FORMEES

L15 ANSWER 31 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN AUTOMATIC DISHWASHING DETERGENT
TIFR DETERGENT POUR LAVE-VAISSELLE AUTOMATIQUE

L15 ANSWER 32 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
TIEN CAST DETERSIVE SYSTEMS
TIFR SYSTEMES DETERSIFS COULES

L15 ANSWER 33 OF 79 USPATFULL on STN
TI Agglomerated particles of finely divided **polymers** which are
water-soluble or capable of swelling in water and contain ammonium
carboxylate groups

L15 ANSWER 34 OF 79 USPATFULL on STN
TI Method for washing clothes, in particular working clothes

L15 ANSWER 35 OF 79 USPATFULL on STN
TI Spinning finishes for synthetic filament fibers

- L15 ANSWER 36 OF 79 USPATFULL on STN
TI Agglomerated particles of water-swellaable addition **polymers**,
preparation thereof and use thereof
- L15 ANSWER 37 OF 79 USPATFULL on STN
TI Thermosetting aqueous compositions
- L15 ANSWER 38 OF 79 USPATFULL on STN
TI Surfactant compositions
- L15 ANSWER 39 OF 79 USPATFULL on STN
TI Anti-settling lubricity agent for water/oil dispersion compositions
- L15 ANSWER 40 OF 79 USPATFULL on STN
TI Derivatives of terpene origin, surfactant and/or fragrant composition
containing them and detergent formulation based on this composition
- L15 ANSWER 41 OF 79 USPATFULL on STN
TI Pigment preparations suitable for water-thinnable printing inks and
coatings
- L15 ANSWER 42 OF 79 USPATFULL on STN
TI Methyl-end-capped alkyl and/or alkenyl polyglycol ethers
- L15 ANSWER 43 OF 79 USPATFULL on STN
TI Fabric softener composition containing poly(oxyalkylene)-substituted
colorant
- L15 ANSWER 44 OF 79 USPATFULL on STN
TI Liquid compositions comprising copolymer mildness actives
- L15 ANSWER 45 OF 79 USPATFULL on STN
TI Aldehyde-based surfactant and method for treating industrial,
commercial, and institutional waste-water
- L15 ANSWER 46 OF 79 USPATFULL on STN
TI Nonaqueous gelled automatic dishwashing composition
- L15 ANSWER 47 OF 79 USPATFULL on STN
TI Agglomerated **polymer** particles of finely divided,
water-soluble or water-swellaable **polymers**, the preparation
thereof and the use thereof
- L15 ANSWER 48 OF 79 USPATFULL on STN
TI Derivatives of terpene origin, surfactant and/or fragrant composition
containing them and detergent formulation based on this composition
- L15 ANSWER 49 OF 79 USPATFULL on STN
TI Nonaqueous liquid automatic dishwashing composition containing enzymes
- L15 ANSWER 50 OF 79 USPATFULL on STN
TI Emulsion in blast furnace slag mud solidification
- L15 ANSWER 51 OF 79 USPATFULL on STN
TI Single-step process for the preparation of bis-(acetoacetylamino)
benzene disazo pigments
- L15 ANSWER 52 OF 79 USPATFULL on STN
TI Nonaqueous gelled automatic dishwashing composition containing enzymes
- L15 ANSWER 53 OF 79 USPATFULL on STN

TI Dryer-activated fabric conditioning compositions containing unsaturated fatty acid

L15 ANSWER 54 OF 79 USPATFULL on STN
 TI Plasticware-compatible rinse aid

L15 ANSWER 55 OF 79 USPATFULL on STN
 TI Emulsion in blast furnace slag mud solidification

L15 ANSWER 56 OF 79 USPATFULL on STN
 TI Process for the production of zeolite granules

L15 ANSWER 57 OF 79 USPATFULL on STN
 TI Dryer-activated fabric conditioning compositions containing ethoxylated/propoxylated sugar derivatives

L15 ANSWER 58 OF 79 USPATFULL on STN
 TI Process for producing dryer-added fabric softener sheets containing cyclodextrin complexes

L15 ANSWER 59 OF 79 USPATFULL on STN
 TI Agglomerated **polymer** particles of finely divided, water-soluble or water-swellaable **polymers**, the preparation thereof and the use thereof

L15 ANSWER 60 OF 79 USPATFULL on STN
 TI Liquid automatic dishwashing composition containing two enzymes

L15 ANSWER 61 OF 79 USPATFULL on STN
 TI Polyacrylate ester with long-chain **alkoxylated** hydrocarbonoxy groups and their use in cosmetics and personal grooming

L15 ANSWER 62 OF 79 USPATFULL on STN
 TI Preparation of finely divided, water-soluble **polymers**

L15 ANSWER 63 OF 79 USPATFULL on STN
 TI Liquid automatic dishwashing composition containing enzymes

L15 ANSWER 64 OF 79 USPATFULL on STN
 TI **Alkoxylated** vinyl **polymer** demulsifiers

L15 ANSWER 65 OF 79 USPATFULL on STN
 TI Compounds with at least three functional ester groups and process for the production thereof

L15 ANSWER 66 OF 79 USPATFULL on STN
 TI Granular adsorbent having improved flushing properties

L15 ANSWER 67 OF 79 USPATFULL on STN
 TI Nonaqueous liquid automatic dishwasher detergent composition

L15 ANSWER 68 OF 79 USPATFULL on STN
 TI **Alkoxylated** vinyl **polymer** demulsifiers

L15 ANSWER 69 OF 79 USPATFULL on STN
 TI Liquid nonionic surfactant mixtures

L15 ANSWER 70 OF 79 USPATFULL on STN
 TI Cationic soil release **polymers**

L15 ANSWER 71 OF 79 USPATFULL on STN
 TI Liquid laundry detergent-bleach composition and method of use

09/486,677

L15 ANSWER 72 OF 79 USPATFULL on STN
TI Emulsion polymerization compositions containing 2-alkyl-1-alkanol polyglycolethers

L15 ANSWER 73 OF 79 USPATFULL on STN
TI Liquid laundry detergent composition and method of use

L15 ANSWER 74 OF 79 USPATFULL on STN
TI Process for the preparation of easily dispersible, high color strength, powdered alkali blue pigments

L15 ANSWER 75 OF 79 USPATFULL on STN
TI Spin finish with anti-static agent

L15 ANSWER 76 OF 79 USPATFULL on STN
TI Acrylic acid-acrylate copolymer thickening agents

L15 ANSWER 77 OF 79 USPATFULL on STN
TI Lubricant compositions for finishing synthetic fibers

L15 ANSWER 78 OF 79 USPATFULL on STN
TI Oil removal detergent compositions

L15 ANSWER 79 OF 79 USPATFULL on STN
TI Washing agents containing a textile softener and process of washing and softening textiles

=> d 1-6,8,10,11,13-21,23-25,27-40,42-44,46,47,49,52,54,59,60,62-64,67-79 bib ab

L15 ANSWER 1 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

✓ AN 783559 EUROPATFULL ED 19980705 EW 199826 FS PS
TIEN THERMOPLASTIC-COMPATIBLE RINSE AID.
TIDE THERMOPLAST-VERTRAEGLICHES SPUELMITTEL.
TIFR COMPOSITION DE RINCAGE COMPATIBLE AVEC LES MATIERES THERMOPLASTIQUES.
IN MAN, Victor, F., 1410 Carling Drive, Apartment 207, St. Paul, Minnesota 55108, US
PA ECOLAB INC., Ecolab Center, St. Paul Minnesota 55102, US
PAN 824350
AG Bond, Bentley George, Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD, GB
AGN 28441
OS EPB1998032 EP 0783559 B1 980624
SO Wila-EPS-1998-H26-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R BE; R DE; R DK; R ES; R FR; R GB; R IT; R NL
PIT EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale Anmeldung)
PI **EP 783559** **B1 19980624**
OD 19970716
AI EP 1995-919218 19950512
PRAI US 1994-312460 19940926
RLI WO 95-US6129 950512 INTAKZ
WO 9610068 960404 INTPNR
REP EP 182461 A EP 432836 A
WO 88-09369 A WO 94-24256 A
DE 4233698 A

09/486,677

L15 ANSWER 2 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 611206 EUROPATFULL ED 20000206 EW 199433 FS OS STA B
✓ TIEN Nonaqueous gelled automatic diswashing composition containing enzymes.
TIDE Enzyme enthaltendes nichtwaessriges gelartiges
Maschinengeschirrspuelmittel.
TIFR Composition gelifiee non aqueuse contenant des enzymes pour le lavage
automatique de la vaisselle.
IN Durbut, Patrick, 25 Avenue des Villas, B-4800 Verviers, BE;
Kenkare, Divaker, RD1 Box 844, Mountainview Road, Asbury, New Jersey
08802, US;
Dixit, Nagaraj S., 2 Titus Lane, Plainsboro, New Jersey 08536, US
PA Colgate-Palmolive Company, 300 Park Avenue, New York, N.Y. 10022-7499,
US
PAN 433130
AG Le Guen, Gerard et al, CABINET LAVOIX 2, place d'Estienne d'Orves,
F-75441 Paris Cedex 09, FR
AGN 16721
OS ESP1994058 EP 0611206 A2 940817
SO Wila-EPZ-1994-H33-T1a
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IE; R IT; R LI; R LU;
R NL; R SE
PIT EPA2 EUROPAEISCHE PATENTANMELDUNG
PI EP 611206 A2 19940817
OD 19940817
AI EP 1994-400270 19940208
PRAI US 1993-15051 19930208
ABEN Nonaqueous gelled automatic dishwashing compositions containing a
mixture of a protease enzyme and an amylase enzyme have been found to
be very useful in the removal of protein and carbohydrate soils from
dishware at operating temperatures of 100°F to 140°F.
<image>

L15 ANSWER 3 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 532272 EUROPATFULL ED 20000521 EW 199311 FS OS STA B
TIEN Hair conditioning composition.
TIDE Haarkonditionierungsmittel.
TIFR Composition pour le conditionnement des cheveux.
IN Tan-Walker, Ruby Loo Bick, 16 School Lane, Guilden, Sutton, Chester CH3
7ET, GB
PA UNILEVER PLC, Unilever House Blackfriars, London EC4P 4BQ, GB, in GB,
IE;
UNILEVER N.V., Weena 455, NL-3013 AL Rotterdam, NL, in BE, CH, DE, DK,
ES, FR, GR, IT, LI, NL, PT, SE, AT
PAN 200923; 200912
AG Ford, Michael Frederick et al, MEWBURN ELLIS 2 Cursitor Street, London
EC4A 1BQ, GB
AGN 30704
OS ESP1993018 EP 0532272 A2 930317
SO Wila-EPZ-1993-H11-T1b
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI;
R NL; R PT; R SE

09/486,677

PIT EPA2 EUROPÄISCHE PATENTANMELDUNG
PI EP 532272 A2 19930317
OD 19930317
AI EP 1992-308133 19920908
PRAI GB 1991-19516 19910912
ABEN A transparent hair conditioning composition comprises:
(a) a cationic surfactant component and
(b) a highly **alkoxylated** anionic surfactant component.

The highly **alkoxylated** anionic surfactant components contains
at least about 5 EO/PO units per molecule.

L15 ANSWER 4 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 518720 EUROPATFULL ED 20000618 EW 199251 FS OS STA B
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.
TIDE Enzyme enthaltendes nichtwaessriges fluessiges
Maschinengeschirrspuelmittel.
TIFR Composition liquide non aqueuse contenant des enzymes pour le lavage
automatique de la vaisselle.
IN Ahmed, Fahim U., 46 Wetherhill Way, Dayton, New Jersey, US;
Durbut, Patrick, 25 Avenue des Villas, B-4800 Verviers, BE;
Drapier, Julien, Rue de Tavier 192, B-4100 Seraing, BE
PA Colgate-Palmolive Company, 300 Park Avenue, New York, N.Y. 10022-7499,
US
PAN 433130
AG Polus, Camille et al, c/o Cabinet Lavoix 2, Place d'Estienne d'Orves,
F-75441 Paris Cedex 09, FR
AGN 17931
OS ESP1992089 EP 0518720 A1 921216
SO Wila-EPZ-1992-H51-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R LU; R NL;
R SE
PIT EPA1 EUROPÄISCHE PATENTANMELDUNG
PI EP 518720 A1 19921216
OD 19921216
AI EP 1992-401478 19920529
PRAI US 1991-708558 19910531
US 1991-708322 19910531

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 518720 EUROPATFULL UP 20010712 EW 199536 FS PS STA B
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.
TIDE Enzyme enthaltendes nichtwaessriges fluessiges
Maschinengeschirrspuelmittel.
TIFR Composition liquide non aqueuse contenant des enzymes pour le lavage
automatique de la vaisselle.
IN Ahmed, Fahim U., 46 Wetherhill Way, Dayton, New Jersey, US;
Durbut, Patrick, 25 Avenue des Villas, B-4800 Verviers, BE;
Drapier, Julien, Rue de Tavier 192, B-4100 Seraing, BE
PA Colgate-Palmolive Company, 300 Park Avenue, New York, N.Y. 10022-7499,
US
PAN 433130
AG Polus, Camille et al, c/o Cabinet Lavoix 2, Place d'Estienne d'Orves,
F-75441 Paris Cedex 09, FR

09/486,677

AGN 17931
OS EPB1995066 EP 0518720 B1 950906
SO Wila-EPS-1995-H36-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R LU; R NL;
R SE
PIT EPB1 EUROPÄISCHE PATENTSCHRIFT
PI **EP 518720** **B1 19950906**
OD 19921216
AI EP 1992-401478 19920529
PRAI US 1991-708558 19910531
US 1991-708322 19910531
REP EP 171007 A EP 407225 A
EP 425214 A FR 2355908 A
GB 2194546 A US 4511490 A
ABEN 1. A nonaqueous liquid dishwashing composition comprising in percent by
weight : <image>

L15 ANSWER 5 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

✓ AN 518719 EUROPATFULL UP 20000618 EW 199251 FS OS STA B
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.
TIDE Enzyme enthaltendes nichtwaessriges fluessiges
Maschinengeschirrspuelmittel.
TIFR Composition liquide non aqueuse contenant des enzymes pour le lavage
automatique de la vaisselle.
IN Ahmed, Fahim U., 46 Wetherhill Way, Dayton, New Jersey, US;
Durbut, Patrick, 25 Avenue des Villas, B-4800 Verviers, US;
Drapier, Julien, Rue de Tavier 192, B-4100 Seraing, BE
PA Colgate-Palmolive Company, 300 Park Avenue, New York, N.Y. 10022-7499,
US
PAN 433130
AG Polus, Camille et al, c/o Cabinet Lavoix 2, Place d'Estienne d'Orves,
F-75441 Paris Cedex 09, FR
AGN 17931
OS ESP1992089 EP 0518719 A1 921216
SO Wila-EPZ-1992-H51-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R LU; R NL;
R SE
PIT EPA1 EUROPÄISCHE PATENTANMELDUNG
PI **EP 518719** **A1 19921216**
OD 19921216
AI EP 1992-401476 19920529
PRAI US 1991-708571 19910531

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

✓ AN 518719 EUROPATFULL ED 19970108 EW 199608 FS PS
TIEN Nonaqueous liquid automatic dishwashing composition containing enzymes.
TIDE Enzyme enthaltendes nichtwaessriges fluessiges
Maschinengeschirrspuelmittel.
TIFR Composition liquide non aqueuse contenant des enzymes pour le lavage
automatique de la vaisselle.
IN Ahmed, Fahim U., 46 Wetherhill Way, Dayton, New Jersey, US;
Durbut, Patrick, 25 Avenue des Villas, B-4800 Verviers, US;
Drapier, Julien, Rue de Tavier 192, B-4100 Seraing, BE

09/486,677

PA Colgate-Palmolive Company, 300 Park Avenue, New York, N.Y. 10022-7499,
US
PAN 433130
AG Polus, Camille et al, c/o Cabinet Lavoix 2, Place d'Estienne d'Orves,
F-75441 Paris Cedex 09, FR
AGN 17931
OS EPB1996012 EP 0518719 B1 960221
SO Wila-EPS-1996-H08-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R LU; R NL;
R SE
PIT EPB1 EUROPÄISCHE PATENTSCHRIFT
PI **EP 518719** **B1 19960221**
✓ OD 19921216
AI EP 1992-401476 19920529
PRAI US 1991-708571 19910531
REP EP 28849 A EP 425214 A
FR 2355908 A GB 2194546 A
REN IBIS Leaflet 03.91
ABEN A nonaqueous liquid dishwashing composition comprising in percent by
weight : <image> wherein said protease enzyme is Maxapem 15 or
Maxapem 42 protease enzyme and said amylase enzyme is Maxamyl, a weight
ratio of said protease enzyme to said amylase enzyme being 6:1 to
1.1:1. <image>

L15 ANSWER 6 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

✓ AN 482085 EUROPATFULL ED 19970108 EW 199624 FS PS
TIEN LOW VISCOSITY DEFOAMING/ANTIFOAMING FORMULATIONS.
TIDE NIEDRIG VISKOSE ENTSCHÄUMER/ANTISCHAUM-MITTEL.
TIFR FORMULATIONS ANTIMOUSSANTES/ANTIMOUSSE A FAIBLE VISCOSITE.
IN DAHANAYAKE, Manilal, S., 22 Ella Lane, Wayne, NJ 07470, US
PA RHONE-POULENC SURFACTANTS AND SPECIALTIES, L.P., CN 7500, Cranbury, New
Jersey 08512-7500, US
PAN 1225943
AG Bassett, Richard Simon et al, ERIC POTTER & CLARKSON St. Mary's Court
St. Mary's Gate, Nottingham NG1 1LE, GB
AGN 52833
OS EPB1996039 EP 0482085 B1 960612
SO Wila-EPS-1996-H24-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R IT; R LI; R LU; R NL;
R SE
PIT EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale Anmeldung)
PI **EP 482085** **B1 19960612**
OD 19920429
AI EP 1990-911513 19900711
PRAI US 1989-379304 19890712
RLI WO 90-US3908 900711 INTAKZ
WO 9100764 910124 INTPNR
REP CA 724623 A CA 1143244 A
JP 53134785 A JP 60007909 A
JP 63232808 A US 3078236 A
US 3959176 A US 4474919 A

L15 ANSWER 8 OF 79 EUROPATFULL COPYRIGHT 2004 WILA on STN

09/486,677

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 460810 EUROPATFULL ED 20000730 EW 199150 FS OS STA B
TIEN Nonaqueous liquid automatic dishwasher detergent composition.
TIDE Nichtwaesserige fluessige Detergenezusammensetzung fuer
✓ TIFR Geschirrspuelautomaten.
Composition detergente a base liquide non-aqueuse pour lave vaisselle
automatique.
IN Ahmed Fahim Uddin, 46 Wetherhill Way, Dayton, New Jersey, US;
Buck, Charles E., 3 Lockward Road, Caldwell, New Jersey, US;
Jakubicki, Gary, 7 Francis Court, Robbinsville, New Jersey, US
PA Colgate-Palmolive Company (a Delaware corporation), 300 Park Avenue, New
York, N.Y. 10022, US
PAN 433134
AG Kearney, Kevin David Nicholas et al, KILBURN & STRODE 30 John Street,
London, WC1N 2DD, GB
AGN 32501
✓ OS ESP1991092 EP 0460810 A1 911211
SO Wila-EPZ-1991-H50-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;
R NL; R SE
PIT EPA1 EUROPAEISCHE PATENTANMELDUNG
PI EP 460810 A1 19911211
OD 19911211
AI EP 1991-304072 19910507
PRAI US 1990-520337 19900507

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 460810 EUROPATFULL UP 20011023 EW 199412 FS PS STA B
✓ TIEN Nonaqueous liquid automatic dishwasher detergent composition.
TIDE Nichtwaesserige fluessige Detergentszusammensetzung fuer
Geschirrspuelautomaten.
TIFR Composition detergente a base liquide non-aqueuse pour lave vaisselle
automatique.
IN Ahmed Fahim Uddin, 46 Wetherhill Way, Dayton, New Jersey, US;
Buck, Charles E., 3 Lockward Road, Caldwell, New Jersey, US;
Jakubicki, Gary, 7 Francis Court, Robbinsville, New Jersey, US
PA Colgate-Palmolive Company (a Delaware corporation), 300 Park Avenue, New
York, N.Y. 10022, US
PAN 433134
AG Kearney, Kevin David Nicholas et al, KILBURN & STRODE 30 John Street,
London, WC1N 2DD, GB
AGN 32501
OS EPB1994022 EP 0460810 B1 940323
SO Wila-EPS-1994-H12-T1
DT Patent
LA Anmeldung in Englisch; Veroeffentlichung in Englisch
DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;
R NL; R SE
PIT EPB1 EUROPAEISCHE PATENTSCHRIFT
PI EP 460810 B1 19940323
OD 19911211
AI EP 1991-304072 19910507
PRAI US 1990-520337 19900507
REP EP 314050 A EP 314061 A
EP 315024 A DE 3833378 A
ABEN The application is directed to a nonaqueous liquid automatic dishwasher
detergent composition with improved anti-filming and anti-spotting
properties and to a method of using the detergent composition. The

detergent composition comprises a nonaqueous organic carrier liquid, silica, alumina or titanium dioxide anti-filming agent, a water soluble polyacrylate anti-spotting agent, inorganic builder salts, bleach compound and detergent. The compositions provide reduced filming and spotting on dishware, glassware, china and the like, particularly in hard water. The nonaqueous liquid automatic dishwasher detergent compositions are stable in storage and are readily dispersible in water.

L15 ANSWER 10 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1998051768 PCTFULL ED 20020514
 TIEN METHOD FOR CLEANING FOOD PREPARATION SURFACES
 TIFR COMPOSITIONS ET PROCEDES D'ELIMINATION DES HUILES ET GRAISSES DES SURFACES DE PREPARATION D'ALIMENTS

IN OAKES, Thomas, R.;
 GUTZMANN, Timothy, A.;
 ROSS, Cynthia, Lee;
 SCHMIDT, Bruce, E.

PA ECOLAB INC.

DT Patent

PI WO 9851768

DS

A1 19981119

W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK
 DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
 ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
 AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF
 BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1998-US7006

A 19980406

PRAI US 1997-8/854,405

19970512

ABEN The invention is a method of removing soils containing oils and fats from food processing surfaces. The method includes the steps of formulating a wash composition from a two-part concentrate. The concentrate first part includes a source of alkalinity and water. The concentrate second part includes a quaternary ammonium compound. After formulation, the wash composition has a major portion of water, from about 100 ppm to 20,000 ppm of quaternary ammonium compound, and an alkali source present in a concentration to provide a pH of from about 10 to 14. After formulation, the wash composition may be used by applying it to the food processing surface. Optionally, the wash composition may also include a chelating agent and a second nonionic or anionic detergent agent.

ABFR L'invention porte sur un procede d'elimination des salissures contenant des huiles et des graisses des surfaces de traitement d'aliments. Ledit procede consiste a composer une solution de nettoyage a partir d'un concentre a deux constituants dont le premier consiste en une source alcaline et de l'eau, et le deuxieme, en un compose d'ammonium quaternaire. Une fois preparee, la composition, qui comporte une majeure partie d'eau, de 100 a 20 000 ppm de compose d'ammonium quaternaire, et une source alcaline dans une concentration lui conferant un pH compris entre environ 10 a 14, s'utilise par application sur les surfaces de preparation d'aliments. La susdite composition peut egalement contenir un chelateur et un deuxieme agent

detersif non ionique ou
anionique.

L15 ANSWER 11 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1998037760 PCTFULL ED 20020514
TIEN CONCENTRATED DISINFECTANT COMPOSITIONS
TIFR COMPOSITIONS DESINFECTANTES CONCENTREES
IN CRISANTI, Michael, George;
SMIALOWICZ, Dennis, Thomas
PA RECKITT & COLMAN INC.;
CRISANTI, Michael, George;
SMIALOWICZ, Dennis, Thomas
LA English
DT Patent
PI WO 9837760 A1 19980903
DS W: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB
GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA
UG US UZ VN GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1998-US2705 A 19980206
PRAI GB 1997-9704285.7 19970301
ABEN Concentrated aqueous liquid disinfectant compositions which exhibit a
blooming effect when
diluted in a larger volume of water are provided. The concentrate
compositions include non-phenolic
constituents to providing a disinfecting effect, and are non pine-oil
containing. Working strength
dilutions of the concentrated aqueous liquid disinfectant compositions
are effective against gram
positive type pathogenic bacteria such as Staphylococcus aureus, as well
as gram negative type
pathogenic bacteria such as Salmonella choleraesuis.

ABFR L'invention a trait a des compositions desinfectantes liquides aqueuses
concentrees a effet de
flou lorsqu'elles sont diluees dans plusieurs fois leur volume d'eau.
Les compositions de concentre
comportent des constituants non phenoliques afin d'assurer une action
desinfectante et sont
depourvues d'huile de pin. Les dilutions pretes a l'emploi de ces
compositions desinfectantes
liquides aqueuses concentrees sont efficaces contre des bacteries
pathogenes du type Gram positif,
Staphylococcus aureus notamment, ainsi que contre des bacteries
pathogenes du type Gram negatif,
Salmonella choleraesuis notamment.

L15 ANSWER 13 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1998030662 PCTFULL ED 20020514
TIEN A COMBINATION OF A NONIONIC SILICONE SURFACTANT AND A NONIONIC
SURFACTANT IN A SOLID BLOCK DETERGENT
TIFR COMBINAISON D'UN TENSIO-ACTIF SILICONE NON IONIQUE ET D'UN TENSIO-ACTIF
NON IONIQUE DANS UN DETERGENT EN BLOC SOLIDE
IN LENTSCH, Steven, E.;
MAN, Victor, F.;
IHNS, Deborah, A.;
MAIER, Helmut, K.;
SCHULZ, Rhonda, K.
PA ECOLAB INC.
LA English
DT Patent

PI WO 9830662 A1 19980716
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE
 DK DK EE EE ES FI FI GB GE GH GM GW HU ID IL IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
 PT RO RU SD SE SG SI SK SK SL TJ TM TR TT UA UG UZ VN YU
 ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM
 AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
 CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1998-US452 A 19980106
 PRAI US 1997-8/782,336 19970113
 ABEN The invention relates to a highly alkaline or mildly alkaline detergent composition having enhanced cleaning properties. The detergent combines a source of alkalinity and a blend of nonionic **alkoxylated** surfactant and nonionic **alkoxylated** silicone surfactant that enhances cleaning waxy-fatty soils. The composition may be in the form of solid block.

ABFR L'invention concerne une composition detergente hautement ou moyennement alcaline presentant des proprietes nettoyantes accrues. Le detergent est la combinaison d'une source d'alcalinite et d'un melange de tensio-actif alcoyle non ionique et de tensio-actif silicone alcoyle non ionique ameliorant l'elimination des salissures cireuses et graisseuses. La composition peut se presenter sous forme de bloc solide.

L15 ANSWER 14 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1998024314 PCTFULL ED 20020514
 TIEN AQUEOUS DISINFECTING CLEANING COMPOSITION
 TIFR COMPOSITION AQUEUSE DE NETTOYAGE ET DE DESINFECTION
 IN LOVE, Michael, David;
 BOGART, Robert, William;
 RYPKEMA, Ralph, Edward;
 TARASCHI, Frederic, Albert;
 LU, Robert, Zhong;
 SMIALOWICZ, Dennis, Thomas;
 NANAVATI, Narendra, Vrajlal
 PA RECKITT & COLMAN INC.
 LA English
 DT Patent

PI WO 9824314 A1 19980611
 DS W: AL AM AU BB BG BR CA CN CZ DE EE ES FI GB GE HU IL IS JP
 KG KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SD SG
 SI SK TR TT UA UG UZ VN GH KE LS MW SD SZ UG ZW AM AZ BY
 KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1997-US18873 A 19971028
 PRAI GB 1996-9625396.8 19961206
 ABEN Aqueous disinfecting and cleaning compositions and concentrates which are efficacious against gram positive and gram negative bacteria, have relatively low volatile organic content (VOC) and are surprisingly mild to the user of the compositions. The compositions include a quaternary ammonium compound as its primary germicidal active agent, have a low content of active constituents, and do not include organic solvents such as alcohols, glycols, or glycol ether in significant amounts.

ABFR Cette invention concerne des compositions et des concentres aqueux de nettoyage et de

desinfection qui sont efficaces contre les bacteries Gram positives et Gram negatives. Ces compositions possedent une teneur relativement faible en produits organiques volatiles et sont etonnement douces pour l'utilisateur. Ces compositions comprennent un compose d'ammonium quaternaire en qualite d'agent actif et germicide primaire. Elles possedent en outre une faible teneur en constituants actifs, et ne contiennent que de faibles quantites de solvants actifs tels que des alcools, des glycols ou des ethers de glycol.

L15 ANSWER 15 OF 79 PCTFULL COPYRIGHT 2004 Univention on STN

AN 1998023712 PCTFULL ED 20020514

TIEN POLYOXYALKYLENE SURFACTANTS

TIFR TENSIOACTIFS DE POLYOXYALKYLENE

IN CRIPE, Thomas, Anthony;

CONNOR, Daniel, Stedman;

VINSON, Phillip, Kyle;

BURCKETT-ST. LAURENT, James, Charles, Theophile, Roger;

WILLMAN, Kenneth, William

PA THE PROCTER & GAMBLE COMPANY;

CRIPE, Thomas, Anthony;

CONNOR, Daniel, Stedman;

VINSON, Phillip, Kyle;

BURCKETT-ST. LAURENT, James, Charles, Theophile, Roger;

WILLMAN, Kenneth, William

LA English

DT Patent

PI WO 9823712 A2 19980604

DS W: BR CA CN CZ HU JP MX NO TR US AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE

✓ AI WO 1997-US21160 A 19971119

PRAI US 1996-60/031,917 19961126

ABEN Mid-chain branched primary alkyl polyoxyalkylene surfactants useful in laundry and cleaning compositions, especially granular and liquid detergent compositions. These surfactants are also suitable for formulation with other surfactants for the purpose of providing improved surfactant systems, especially for use in detergent compositions which will be used in laundry processes involving low water temperature wash conditions. The present invention also relates to novel mid-chain branched primary alkyl polyoxyalkylene surfactants suitable for use in the surfactant mixtures.

ABFR L'invention porte sur des tensioactifs de polyoxyalkylene d'alkyle primaire ramifies en milieu de chaine utilisables dans des compositions de lavage et de nettoyage et notamment des compositions de detergents granulaires ou liquides. Ces tensioactifs peuvent egalement etre utilises conjointement avec d'autres tensioactifs pour constituer des systemes ameliorees de tensioactifs destines notamment a des compositions detergentes pour lessives a l'eau a basse temperature. L'invention porte egalement sur des tensioactifs de polyoxyalkylene d'alkyle primaire ramifies en milieu de chaine utilisables dans des melanges de tensioactifs.

L15 ANSWER 16 OF 79 PCTFULL COPYRIGHT 2004 Univention on STN

09/486,677

AN 1998011185 PCTFULL ED 20020514

TIEN DETERGENT COMPOSITION

TIFR COMPOSITION DE DETERGENT

IN CRUICKSHANK, Graeme, Duncan;
SPEED, Lynda, Anne;
McDONNELL, Michael

PA THE PROCTER & GAMBLE COMPANY;
CRUICKSHANK, Graeme, Duncan;
SPEED, Lynda, Anne;
McDONNELL, Michael

LA English

DT Patent

PI WO 9811185

A1 19980319

DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS MW SD SZ UG
ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE
SN TD TG

AI WO 1997-US15977 A 19970910

PRAI US 1996-60/024,726 19960911

US 1996-60/031,265 19961115

GB 1997-9716317.4 19970802

ABEN There is provided an automatic dishwashing detergent composition
comprising a high cloud point
nonionic surfactant and an amount of water-soluble salt to provide
conductivity in deionised water
at 25° of greater than 3 milli Siemens/cm.

ABFR On decrit une composition de detergent de lavage automatique de
vaisselle comprenant un
tensio-actif non ionique a point de trouble eleve et une quantite de sel
soluble dans l'eau pour
assurer la conductivite dans de l'eau desionisee a une temperature de
25° et a plus de 3 milli
Siemens/cm.

L15 ANSWER 17 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN

AN 1997039091 PCTFULL ED 20020514

TIEN MID-CHAIN BRANCHED SURFACTANTS

TIFR TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE

IN CONNOR, Daniel, Stedman;
CRIPE, Thomas, Anthony;
VINSON, Phillip, Kyle;
WILLMAN, Kenneth, William;
BURCKETT-ST. LAURENT, James, Charles, T., R.;
DUPONT, Jeffrey, Scott;
SCHEIBEL, Jeffrey, John;
STIDHAM, Robert, Emerson

PA THE PROCTER & GAMBLE COMPANY;

CONNOR, Daniel, Stedman;

CRIPE, Thomas, Anthony;

VINSON, Phillip, Kyle;

WILLMAN, Kenneth, William;

BURCKETT-ST. LAURENT, James, Charles, T., R.;

DUPONT, Jeffrey, Scott;

SCHEIBEL, Jeffrey, John;

STIDHAM, Robert, Emerson

LA English

DT Patent

PI WO 9739091

A1 19971023

DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM
 TR TT UA UG US UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG
 KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1997-US6476 A 19970416
 PRAI US 1996-60/015,521 19960416
 US 1996-60/015,523 19960416
 US 1996-60/031,916 19961126
 ABEN Mid-chain branched surfactants derived from mid-chain branched primary alkyl hydrophobic groups and hydrophilic groups. The present invention also relates to mixtures of mid-chain branched surfactants useful in laundry and cleaning compositions, especially granular and liquid detergent compositions.
 ABFR Tensioactifs ramifiés en milieu de chaîne dérivés de groupes primaires alkyle hydrophobes et de groupes hydrophiles, ramifiés en milieu de chaîne. L'invention porte également sur des mixtures de tensioactifs ramifiés en milieu de chaîne utiles pour les compositions lessiviellles et detergentes, en particulier pour les compositions detergentes granulaires et liquides.

L15 ANSWER 18 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1997039090 PCTFULL ED 20020514
 TIEN DETERGENT COMPOSITIONS CONTAINING SELECTED MID-CHAIN BRANCHED SURFACTANTS
 TIFR COMPOSITIONS DETERGENTES CONTENANT DES TENSIOACTIFS SELECTIONNES
 IN RAMIFIES EN MILIEU DE CHAINE
 CONNOR, Daniel, Stedman;
 CRIPE, Thomas, Anthony;
 VINSON, Phillip, Kyle;
 FOLEY, Peter, Robert;
 WILLMAN, Kenneth, William
 PA THE PROCTER & GAMBLE COMPANY;
 CONNOR, Daniel, Stedman;
 CRIPE, Thomas, Anthony;
 VINSON, Phillip, Kyle;
 FOLEY, Peter, Robert;
 WILLMAN, Kenneth, William
 LA English
 DT Patent
 PI WO 9739090 A1 19971023
 DS W: BR CA CN JP MX US AT BE CH DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE
 AI WO 1997-US6474 A 19970416
 PRAI US 1996-60/015,521 19960416
 US 1996-60/015,523 19960416
 US 1996-60/031,844 19961126
 ABEN Detergent composition comprising a mid-chain branched surfactant and also containing a bleaching agent, aluminosilicate, silicate, and/or deterative enzyme.
 ABFR Composition detergente contenant un tensioactif ramifié en milieu de chaîne ainsi qu'un agent de blanchiment, de l'aluminosilicate, du silicate et/ou un enzyme deteratif.

L15 ANSWER 19 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1997039089 PCTFULL ED 20020514
 TIEN LIQUID CLEANING COMPOSITIONS CONTAINING SELECTED MID-CHAIN BRANCHED SURFACTANTS

TIFR COMPOSITIONS LIQUIDES NETTOYANTES CONTENANT DES TENSIOACTIFS RAMIFIES EN
 MILIEU DE CHAINE SELECTIONNES
 IN CONNOR, Daniel, Stedman;
 CRIPE, Thomas, Anthony;
 VINSON, Phillip, Kyle;
 FOLEY, Peter, Robert
 PA THE PROCTER & GAMBLE COMPANY;
 CONNOR, Daniel, Stedman;
 CRIPE, Thomas, Anthony;
 VINSON, Phillip, Kyle;
 FOLEY, Peter, Robert
 LA English
 DT Patent
 PI WO 9739089 A1 19971023
 DS W: BR CA CN JP MX US AT BE CH DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE
 AI WO 1997-US6473 A 19970416
 PRAI US 1996-60/015,521 19960416
 US 1996-60/015,523 19960416
 US 1996-60/031,762 19961126
 ABEN This invention relates to a liquid cleaning composition comprising a
 surfactant system
 containing selected mid-chain branched surfactant and co-surfactants.
 ABFR Composition liquide nettoyante comprenant un systeme tensioactif
 contenant une selection de
 tensioactifs et de co-tensioactifs ramifiees en milieu de chaine.

L15 ANSWER 20 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1997039087 PCTFULL ED 20020514
 TIEN MID-CHAIN BRANCHED PRIMARY ALKYL **ALKOXYLATED** SULPHATE
 SURFACTANTS
 TIFR TENSIOACTIFS DE SULFATE ALCOXYLE D'ALKYLE PRIMAIRE RAMIFIE EN MILIEU DE
 CHAINE
 IN CONNOR, Daniel, Stedman;
 CRIPE, Thomas, Anthony;
 VINSON, Phillip, Kyle;
 WILLMAN, Kenneth, William;
 BURCKETT-ST. LAURENT, James, Charles, T., R.
 PA THE PROCTER & GAMBLE COMPANY;
 CONNOR, Daniel, Stedman;
 CRIPE, Thomas, Anthony;
 VINSON, Phillip, Kyle;
 WILLMAN, Kenneth, William;
 BURCKETT-ST. LAURENT, James, Charles, T., R.
 LA English
 DT Patent
 PI WO 9739087 A1 19971023
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM
 TR TT UA UG US UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG
 KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
 AI WO 1997-US6471 A 19970416
 PRAI US 1996-60/015,521 19960416
 US 1996-60/015,523 19960416
 US 1996-60/032,035 19961126
 ABEN Mid-chain branched primary alkyl **alkoxylated** sulphate
 surfactants useful in laundry and
 cleaning compositions, especially granular and liquid detergent
 compositions. These surfactant
 mixtures are also suitable for formulation with other surfactants for

the purpose of providing improved surfactant systems, especially for use in detergent compositions which will be used in laundry processes involving low water temperature wash conditions. The present invention also relates to novel mid-chain branched primary alkyl **alkoxylated** sulphate surfactants suitable for use in the surfactant mixtures.

ABFR Tensioactifs de sulfate alcoyle d'alkyle primaire ramifie en milieu de chaine, utiles dans les compositions de lessive et de nettoyage, en particulier dans celles qui se presentent sous une forme liquide ou granulee. Ces melanges tensioactifs sont egalement adaptes a des formulations comprenant d'autres tensioactifs, pour la production de systemes tensioactifs ameliorees, particulierement pour les compositions detergentes prevues pour les lessives effectuees dans une eau a basse temperature. L'invention se rapporte egalement a de nouveaux tensioactifs de sulfate alcoyle d'alkyle primaire ramifie en milieu de chaine adaptes aux melanges tensioactifs.

L15 ANSWER 21 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1997034974 PCTFULL ED 20020514
 TIEN LIQUID COMPOSITIONS COMPRISING COPOLYMER MILDNESS ACTIVES
 TIFR COMPOSITIONS LIQUIDES CONTENANT DES COPOLYMERES ACTIFS ADOUCISSANTS
 IN HE, Mengtao;
 FAIR, Michael, Joseph;
 MASSARO, Michael
 PA UNILEVER PLC;
 UNILEVER N.V.
 LA English
 DT Patent
 PI WO 9734974 A1 19970925
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
 FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM
 TR TT UA UG UZ VN YU KE LS MW SD SZ UG AM AZ BY KG KZ MD
 RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT
 SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1997-EP913 A 19970225
 PRAI US 1996-8/616,945 19960318
 ABEN The present invention relates to liquid detergent compositions comprising anionic/amphoteric surfactant systems. Addition of specific **EO-PO** copolymers wherein ratio of anionic to **EO-PO**

polymer

is defined has been found to remarkably enhance mildness. In a second embodiment, the invention relates to a method for enhancing mildness in liquid detergent compositions comprising anionic surfactant by adding said defined **EO-PO** **polymers**.

ABFR L'invention concerne des compositions detergentes liquides contenant des tensioactifs anioniques et amphoteres. L'apport de copolymeres de polyoxyethylene (**EO**) et de polyoxypropylene (**PO**), dans lesquels le rapport anionique par rapport au **polymere EO-PO** est defini, s'est avere ameliorer considerablement la douceur. Dans un deuxieme mode de realisation, l'invention concerne un procede servant a augmenter la douceur dans des compositions detergentes

liquides contenant un
tensioactif anionique par apport desdits polymeres EO-
PO definis.

L15 ANSWER 23 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1997014844 PCTFULL ED 20020514
TIEN NOVEL SURFACTANT COMPOSITIONS AND THE USE THEREOF IN PAPER DEINKING
TIFR NOUVELLES COMPOSITIONS TENSIOACTIVES ET LEUR UTILISATION DANS LE
IN DESENCRAGE DU PAPIER
RASHEED, Khalid;
BERGER, Paul, D.;
FRIEDMAN, Seymour, K.
PA WITCO CORPORATION
LA English
DT Patent
PI WO 9714844 A1 19970424
DS W: AU BR CA JP KR MX NO AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE
AI WO 1996-US16389 A 19961010
PRAI US 1995-8/544,115 19951017
ABEN Mixtures of C8 to C22 alpha-olefin sulfonates and alkyl ether sulfates
of the formula:
RO-(CH₂CH₂O)₁₋₄SO₃Na where R is C8-C18 alkyl, with one or more of
alkoxylates of C1-C10 alcohols,
dialkoxylates of certain cyclohexenyl diacids, or propoxylated
quaternary ammonium compounds; and
mixtures of **fatty acid alkoxylates, fatty**
alcohol alkoxylates, and one or more of said
cyclohexenyl
diacid dialkoxalates and C1-C10 alcohol **alkoxylates**, provide
enhanced removal of ink when used in
the froth flotation deinking of waste paper.
ABFR L'invention concerne des melanges de sulfonates d'alpha-olefine C8 a C22
et de sulfates d'ether
alcoylique representes par la formule: RO-(CH₂CH₂O)₁₋₄SO₃Na. Dans cette
formule, R est alkyle
C8-C18, avec un ou plusieurs alcoxylates d'alcool C1-C10, des
dialcoxylates de certains diacides de
cyclohexenyle, ou des composes d'ammonium quaternaire propoxyles.
L'invention concerne egalement des
melanges d'alcoxylates d'acide gras, d'alcoxylates d'alcool gras et d'un
ou de plusieurs
dialcoxylates de diacide de cyclohexenyle et alcoxylates d'alcool
C1-c10. Tous ces melanges
ameliorent l'elimination de l'encre lorsqu'ils sont utilises pour le
desencrage en flottation par
mousse des vieux papiers.

L15 ANSWER 24 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
AN 1997008243 PCTFULL ED 20020514
TIEN CROSS-LINKABLE PERMANENT SURFACE TREATMENT AGENTS
TIFR AGENTS DE TRAITEMENT DE SURFACE RETICULABLES PERMANENTS
IN INCORVIA, Michael, J.;
FISCHER, Stephen, A.
PA HENKEL CORPORATION
LA English
DT Patent
PI WO 9708243 A1 19970306
DS W: AU BR CA CN JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU
MC NL PT SE
AI WO 1996-US12772 A 19960814
PRAI US 1995-8/519,445 19950825

- ABEN An antistatic composition containing (a) a cross-linked thermosetting resin formed by reacting, in the presence of a water-soluble solvent, a polyaminoamide having unreacted primary and secondary amine groups and an anhydride selected from the group consisting of dianhydride, maleic anhydride, and mixtures thereof, and (b) a cationic **polymer**.
- ABFR Une composition antistatique contient a) une resine thermosettable reticulee formee par la reaction, en presence d'un solvant hydrosoluble, d'un polyaminoamide dote de groupes amine primaires et secondaires n'ayant pas reagis et d'un anhydride choisi dans le groupe consistant en dianhydride, anhydride maleique et leurs melanges, avec b) un **polymere** cationique.
- L15 ANSWER 25 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1996021668 PCTFULL ED 20020514
 TIEN SURFACTANT COMPOSITIONS
 TIFR COMPOSITIONS D'AGENTS TENSIO-ACTIFS
 IN BOOTH, David, John;
 WILLIAMS, Martin, Spencer
 PA IMPERIAL CHEMICAL INDUSTRIES PLC;
 BOOTH, David, John;
 WILLIAMS, Martin, Spencer
 LA English
 DT Patent
 PI WO 9621668 A1 19960718
 DS W: AU BG BR CA CZ HU JP KR MX PL RU SK TR US AT BE CH DE DK
 ES FR GB GR IE IT LU MC NL PT SE
- AI WO 1996-GB5 A 19960103
 PRAI GB 1995-9500638.3 19950113
 GB 1995-9517176.5 19950822
- ABEN Surfactant compositions including end-capped hydrocarbyl polyalkoxylate and/or fatty acid polyalkoxylate and organopolysiloxane having one or more polyoxyalkylene side chains are good immediate and long term spreaders particularly on fibrous hydrophobic synthetic polymeric substrates such as spun-bonded, non-woven materials made e.g. from polyolefins, especially polypropylene, or PET. Particularly useful **alkoxylates** are of one of the formulae (Ia to Id): R1O.(AO1)n.R2 (Ia); R3.CO2.(AO1)n.R2 (Ib); R14O.[EOi.POj].R15 (Ic); or R14O.(AO2)k.(AO3)l.(AO2)m.R15 (Id), where the various substituents and indices have defined meanings and useful silicones include those of the formula (II): R43SiO.[R42SiO]x.{(R4Si[(O.R5.(AO2)m.R6]O)y.SiR43, where the various substituents and indices have defined meanings. Usually the coating compositions will include specific active materials particularly lubricants especially **alkoxylate** lubricants. The compositions are water compatible (dispersible or soluble) and primarily biodegradable. The coated substrates find application as carpet backing and geotextiles. In carpet backing, the water compatibility of the compositions makes it possible to avoid tip frosting of carpet on subsequent dyeing.
- ABFR La presente invention concerne des compositions d'agents tensio-actifs comportant du polyalkoxylate d'hydrocarbyle a extremités coiffées et/ou du

polyalcoxyate d'acide gras ainsi que de l'organopolysiloxane ayant une ou plusieurs chaines laterales de polyoxyalkylene. Ces compositions constituent de bons enduits immediats ou a long terme, en particulier sur les substrats polymeres synthetiques, hydrophobes et fibreux et notamment sur les matieres filees-liees et les tissus non tisses constitues par exemple de polyolefines, et notamment de polypropylene ou de polyethylene terephtalate. Les alcoxyates particulierement utiles sont representes par l'une des formules (Ia a Id): $R1O.(AO1)_n.R2$ (Ia), $R3.CO2.(AO1)_n.R2$ (Ib), $R14O.[EOi.POj].R15$ (Ic) or $R14O.(AO2)_k.(AO3)_l.(AO2)_m.R15$ (Id), dans lesquelles les divers substituants et indices possedent des significations definies et les silicones utiles incluent ceux representes par la formule (II): $R43SiO.[R42SiO]_x.\{(R4Si[(O.R5).(AO2)_m.R6]O\}_y.SiR43$, dans laquelle les divers substituants et indices possedent des significations definies. Generalement, les compositions d'enduction comporteront des matieres actives specifiques et notamment des produits d'ensimage tels que des produits d'ensimage d'alcoxyate. Lesdites compositions sont compatibles avec l'eau (dispersible ou soluble dans l'eau) et a biodegradabilite preponderante. Les substrats enduits trouvent leur application dans les envers de tapis et les geotextiles. Dans les cas des envers de tapis, la compatibilite avec l'eau de ces compositions permet d'eviter le blanchiment des pointes de tapis lors d'une operation de teinture ulterieure.

L15 ANSWER 27 OF 79 PCTFULL COPYRIGHT 2004 Univention on STN
 AN 1996010068 PCTFULL ED 20020514
 TIEN THERMOPLASTIC-COMPATIBLE RINSE AID
 TIFR COMPOSITION DE RINCAGE COMPATIBLE AVEC LES MATIERES THERMOPLASTIQUES
 IN MAN, Victor, F.
 PA ECOLAB INC.
 LA English
 DT Patent
 PI WO 9610068 A1 19960404
 DS W: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
 IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ
 PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN KE MW SD
 SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF
 BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1995-US6129 A 19950512
 PRAI US 1994-8/312,460 19940926
 ABEN A thermoplastic-compatible low-foaming rinse aid and method for using such rinse aid to effectuate sheeting of aqueous rinse liquid from solid surface. The rinse aid comprises alkyl polyglycoside (APG) and reverse, polyoxyethylene-containing polyoxyalkylene block copolymer. The aqueous rinse solution obtained by diluting the rinse aid with water is compatible with thermoplastics such as polycarbonate and polysulfone.

ABFR Composition de rincage a faible formation de mousse et compatible avec les matieres thermoplastiques, et procede d'utilisation de cette composition pour permettre un ecoulement

regulier en nappe du liquide de rincage aqueux sur une surface solide et hors de celle-ci. Cette composition de rincage comprend du polyglycoside d'alkyle (APG) et un copolymere sequence et inverse de polyoxyalkylene, contenant du polyethylene. La solution de rincage aqueuse obtenue par dilution de la composition de rincage avec de l'eau est compatible avec les thermoplastiques tels que le polycarbonate et la polysulfone.

L15 ANSWER 28 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN

AN 1996008553 PCTFULL ED 20020514

TIEN RINSE AID FOR PLASTICWARE

TIFR AGENT DE RINCAGE POUR VAISSELLE EN PLASTIQUE

IN LENTSCH, Steven, E.;

SOPHA, Matthew, J.;

MAN, Victor, F.

PA ECOLAB INC.

LA English

DT Patent

PI WO 9608553

A1 19960321

DS W: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU
JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN KE MW SD SZ UG
AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF
CG CI CM GA GN ML MR NE SN TD TG

AI WO 1995-US5813 A 19950508

PRAI US 1994-8/304,571 19940912

US 1995-8/390,532 19950216

ABEN A rinse aid composition for use on plasticware is herein described which requires lower

concentration of conventional hydrocarbon surfactants, exhibits adequate sheeting on the plasticware and acceptable drying time which prior rinse aids have failed to provide without special handling.

The compositions described contain hydrocarbon surfactants and a polyether or polybetaine polysiloxane copolymer surfactant alone or in combination with a fluorinated hydrocarbon surfactant.

The composition may be formulated as a solid or liquid suitable for dilution to form an aqueous

rinse used to contact the plasticware in a warewashing machine.

ABFR Une composition d'agent de rincage a utiliser avec de la vaisselle en plastique exigeant une

concentration plus faible de tensioactifs hydrocarbures classiques, possede des proprietes de

recouvrement adequates sur la vaisselle en plastique et un temps de sechage acceptable, que les

agents de rincage classiques ne presentent pas sans un traitement special. Les compositions decrites

contiennent des tensioactifs hydrocarbures et un tensioactif copolymere polyether ou

polybetaine/polysiloxane seul ou en combinaison avec un tensioactif hydrocarbure fluore. Ladite

composition peut etre presentee sous une forme solide ou liquide appropriee pour etre diluee de

maniere a former un agent de rincage aqueux utilise pour venir en contact avec de la vaisselle en

plastique dans un lave-vaisselle.

L15 ANSWER 29 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN

AN 1995004811 PCTFULL ED 20020514

TIEN DRYER-ACTIVATED FABRIC CONDITIONING COMPOSITIONS CONTAINING
 ETHOXYLATED/PROPOXYLATED SUGAR DERIVATIVES
 TIFR COMPOSITIONS D'ADOUCCISSEMENT DE TISSUS ACTIVEES PAR SECHAGE EN MACHINE
 ET CONTENANT DES DERIVES DE SUCRE ETHOXYLES/PROPOXYLES
 IN BORCHER, Thomas, Andrew, Sr.;
 CORONA, Alessandro, III;
 STURDIVANT, Willis, Armond;
 SUNG, Stephanie, Lin-Lin;
 WOJCIK, David, Michael
 PA THE PROCTER & GAMBLE COMPANY
 DT Patent
 PI WO 9504811 A1 19950216
 DS W: CA FI JP NO AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT
 SE
 AI WO 1994-US8837 A 19940805
 PRAI US 1993-8/102,910 19930806
 US 1994-8/282,665 19940729
 ABEN Dryer-activated fabric softening compositions and articles having
 improved antistatic effects,
 for use in an automatic clothes dryer comprising: (A) at least about 5 %
 of highly ethoxylated,
 preferably at least 5 **ethylene oxide** (EO) groups per
 molecule, sugar derivative containing at least
 one long hydrophobic moiety per molecule; and, preferably, (B) from
 about 10 % to about 95 %, of
 carboxylic acid salt of tertiary amine. The amount of (A) present is at
 least sufficient to provide
 improved antistatic effects and is not so much as to cause the
 composition to have unacceptable
 physical characteristics, e.g., stickiness. The active components (A)
 and (B) can contain
 unsaturation to provide improved antistatic benefits.
 ABFR Compositions et articles adoucissants pour tissus actives par le sechage
 en machine, possedant
 des effets antistatiques ameliores, s'utilisant dans un sechoir
 automatique de vetements et
 comprenant: (A) au moins 5 % environ d'un derive de sucre fortement
 ethoxyle, de preference par au
 moins 5 groupes d'oxyde d'ethylene (EO) par molecule, contenant au moins
 une fraction longue
 hydrophobe par molecule; et, de preference, (B) de 10 % a 95 % environ
 de sel d'acide carboxylique
 d'amine tertiaire. La quantite presente de (A) est au moins suffisante
 pour produire des effets
 antistatiques ameliores et insuffisante pour que la composition acquiere
 des caracteristiques
 physiques inacceptables, par exemple un pouvoir collant. Les composants
 actifs (A) et (B) peuvent
 contenir de l'insaturation, de maniere a ameliorer les proprietes
 antistatiques.
 L15 ANSWER 30 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN
 AN 1995002660 PCTFULL ED 20020514
 TIEN AQUEOUS LUBRICANT AND SURFACE CONDITIONER FOR FORMED METAL SURFACES
 TIFR AGENT DE CONDITIONNEMENT DE SURFACE/LUBRIFIANT AQUEUX POUR DES SURFACES
 METALLIQUES FORMEES
 IN BERSHAS, James, P.;
 KELLY, Timm, L.;
 ROCHFORD, Gary, L.;
 ROSSMAIER, Henry, A.
 PA HENKEL CORPORATION
 LA English

09/486,677

DT Patent
PI WO 9502660 A1 19950126
DS W: AU BR CA CN JP PL AT BE CH DE DK ES FR GB GR IE IT LU MC
NL PT SE

AI WO 1994-US24 A 19940104
PRAI US 1993-8/090,724 19930713
US 1993-8/109,791 19930923
US 1993-8/143,803 19931027

ABEN A lubricant and surface conditioner for formed metal surfaces, particularly aluminum and tin beverage containers, reduces the coefficient of static friction of said metal surfaces and enables drying said metal surfaces at a lower temperature. The conditioner includes (i) a water-soluble organic material selected from amine oxides and quaternary ammonium salts, ethoxylated castor oil derivatives, and imidazoline moiety-containing phosphonates and preferably also includes (ii) at least one of fluozirconate, fluohafnate, or fluotitanate ion, and (iii) phosphate and/or nitrate ions. Good resistance to damaging the friction reducing effect by overheating and to staining of the domes of treated containers during pasteurization can be achieved.

ABFR Un agent de conditionnement/lubrifiant pour les surfaces metalliques formees, en particulier pour des recipients en aluminium ou en fer blanc, diminue le coefficient de friction statique desdites surfaces metalliques et permet de les secher a une temperature plus basse. L'agent de conditionnement contient: (i) un compose organique hydrosoluble choisi parmi les oxydes d'amines et les sels d'ammonium quaternaire, les derives ethoxyles de l'huile de ricin et des phosphonates contenant des fractions imidazoline; de preference (ii) au moins un des ions fluorozirconate, fluorohafnate et fluorotitanate; et (iii) des ions phosphate et/ou nitrate. On obtient ainsi une bonne resistance aux effets nefastes des temperatures elevees sur la friction et au maculage des opercules des recipients traitees, durant la pasteurisation.

L15 ANSWER 31 OF 79 PCTFULL COPYRIGHT 2004 Univention on STN
AN 1994004655 PCTFULL ED 20020513
TIEN AUTOMATIC DISHWASHING DETERGENT
TIFR DETERGENT POUR LAVE-VAISSELLE AUTOMATIQUE
IN MOTYKA, Andrea;
BROZE, Guy
PA COLGATE-PALMOLIVE COMPANY
LA English
DT Patent
PI WO 9404655 A1 19940303
DS W: AU BB BG BR CA CZ FI HU JP KP KR LK MG MN MW NO NZ PL PT
RO RU SD SK UA AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

AI WO 1993-US7611 A 19930817
PRAI US 1992-7/932,170 19920819
US 1992-7/932,179 19920819

ABEN A shear thickening composition having a complex viscosity at room temperature at 2 sec-1 of 12 to 80 pascal seconds which comprises by weight of 10 to 45 % of an alkali metal silicate; 0.1 to 30 % of an organic compound having at least one hydroxyl group; 0 to 5.0 %

of at least one organic detergent active material and the balance being water. The composition is especially useful as an automatic dishwasher detergent.

ABFR Une composition s'epaississant au cisaillement a une viscosite complexe a temperature ambiante de 2 sec-1 entre 12 et 80 pascal-secondes. La composition comprend 10 a 45 % en poids d'un silicate de metal alcalin; entre 0,1 et 30 % en poids d'un compose organique ayant au moins un groupe hydroxyle; 0 a 5 % en poids d'au moins une matiere organique detergente active, le pourcentage restant etant constitue d'eau. Cette composition est particulierement utile comme detergent dans un lave-vaisselle automatique.

L15 ANSWER 32 OF 79 PCTFULL COPYRIGHT 2004 Univentio on STN

AN 1990012081 PCTFULL ED 20020513

TIEN CAST DETERGENT SYSTEMS

TIFR SYSTEMES DETERGENTS COULES

IN BULL, Sandra, L.;

GLADFELTER, Elizabeth, J.;

OLSON, Keith, E.

PA ECOLAB INC.

LA English

DT Patent

PI WO 9012081 A1 19901018

DS W: AT AU BE CH DE FR GB IT JP LU NL SE

AI WO 1989-US3313 A 19890801

PRAI US 1989-331,695 19890331

ABEN A general purpose detergent system and detergent system useful in warewashing and in laundry processes have been developed in which highly active encapsulated halogen sources have been incorporated into cast, solid detergent systems containing oxidizable organics that are highly reactive with the active chlorine sources. The stability of the detergent systems thus formulated has been shown to be sufficient to permit the cast materials to be storage stable for a sufficient period to permit the manufacture, distribution, sale and consumption of the cast materials before the availability of either the organic materials or the active halogen drops below an effective level.

ABFR On decrit un systeme detergant polyvalent et un systeme detergant utiles pour le lavage d'articles fabriques et dans des techniques de blanchissage, dans lesquels on a incorpore des sources d'halogene capsule, hautement actif dans des systemes detergents solides coules contenant des elements organiques oxydables hautement reactifs avec les sources de chlore actif. La stabilite des systemes detergents ainsi formulees s'est averee suffisante pour permettre le stockage stable des matieres coulees, pendant une duree suffisante pour la fabrication, la distribution, la vente et la consommation des matieres coulees, avant que la validite soit des matieres organiques, soit de l'halogene actif ne chute au-dessous d'un niveau efficace.

L15 ANSWER 33 OF 79 USPTFULL on STN

09/486,677

AN 2003:176468 USPATFULL
TI Agglomerated particles of finely divided **polymers** which are water-soluble or capable of swelling in water and contain ammonium carboxylate groups
IN Rubenacker, Martin, Altrip, GERMANY, FEDERAL REPUBLIC OF
Schneider, Reinhard, Fussgonheim, GERMANY, FEDERAL REPUBLIC OF
Nieberle, Jurgen, Wachenheim, GERMANY, FEDERAL REPUBLIC OF
Hartmann, Heinrich, Limburgerhof, GERMANY, FEDERAL REPUBLIC OF
Denzinger, Walter, Speyer, GERMANY, FEDERAL REPUBLIC OF
Kistenmacher, Axel, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF
PA BASF Aktiengesellschaft, Ludwigshafen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI US 6586534 B1 20030701
WO 9610589 19960411
AI US 1997-809710 19970404 (8)
WO 1995-EP3772 19950923
PRAI DE 1994-4435425 19941004
DT Utility
FS GRANTED
EXNAM Primary Examiner: Lipman, Bernard
LREP Oblon, Spivak, McClelland, Maier & Neustadt, P.C.
CLMN Number of Claims: 3
ECL Exemplary Claim: 1
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 763

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Agglomerated **polymer** particles of finely divided, water-soluble or water-swellaable **polymers** containing ammonium carboxylate groups are prepared by azeotropic removal of water from water-in-oil emulsions of the water-soluble or water-swellaable **polymers** which contain ammonium carboxylate groups in the presence of from 0.1 to 40% by weight, based on the **polymers**, of polyalkylene glycols which have an agglomerating effect and which are obtainable by an addition reaction of C.sub.2-C.sub.4-alkylene oxides with alcohols, phenols, amines or carboxylic acids and contain at least two polymerized alkylene oxide units and additionally of from 0.1 to 20% by weight, based on the **polymers**, of protective colloids which are obtainable by free radical copolymerization of C.sub.8-C.sub.40-monoolefins with monoethylenically unsaturated C.sub.4-C.sub.6-dicarboxylic anhydrides by a mass polymerization method at from 80 to 300° C. to give copolymers having molecular weights of from 500 to 20,000 g/mol, and said agglomerated **polymer** particles are used as thickeners for textile pigment print pastes.

L15 ANSWER 34 OF 79 USPATFULL on STN

AN 2002:129314 USPATFULL
TI Method for washing clothes, in particular working clothes
IN Merz, Thomas, Hilden, GERMANY, FEDERAL REPUBLIC OF
Schnepf, Christine, Neuss, GERMANY, FEDERAL REPUBLIC OF
Shamayeli, Khalil, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF
PA Henkel-Ecolab GmbH & Co. OHG, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI US 6398820 B1 20020604
WO 9859025 19981230 <--
AI US 2000-446256 20000218 (9)
WO 1998-EP3543 19980612
20000218 PCT 371 date
PRAI DE 1997-19726287 19970620
DT Utility
FS GRANTED
EXNAM Primary Examiner: Gupta, Yogendra N.; Assistant Examiner: Mruk, Brian P.
LREP Merchant & Gould P.C.

CLMN Number of Claims: 27

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 484

AB A process for washing laundry is provided in which a washing alkali component and a surfactant component are combined with water to form a wash liquor, the wash liquor is combined with laundry in a standard washing machine for institutional laundries, and the wastewater from the wash is treated by membrane filtration, where the throughflow rate is reduced by less than 10 percent over an operating time of 120 hours. The washing alkali component is composed of an anionic surfactant and a water-soluble silicate; an alkali metal hydroxide and a complexing agent; or an anionic surfactant and water-soluble silicate and an alkali metal hydroxide, a complexing agent, or a mixture of an alkali metal hydroxide and a complexing agent. The surfactant component is composed of a nonionic surfactant selected from the group consisting of C.sub.8-18 **fatty alcohol alkoxyates** containing at least 5 alkoxy groups, C.sub.8-18 **fatty alcohol** ethoxylates containing at least 7 ethoxy groups, C.sub.8-18 **fatty alcohol** ethoxylate/propoxylates containing at least 4 ethoxy groups and at least 2 propoxy groups in the molecule, and mixtures thereof.

L15 ANSWER 35 OF 79 USPATFULL on STN

AN 2001:40567 USPATFULL

TI Spinning finishes for synthetic filament fibers

IN Eicken, Ulrich, Korschenbroich, Germany, Federal Republic of

Mathis, Raymond, Dusseldorf, Germany, Federal Republic of

Bialas, Norbert, Dormagen, Germany, Federal Republic of

PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, Germany, Federal Republic of (non-U.S. corporation)

PI US 6204353 B1 20010320

WO 9215749 19920917

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AI US 1993-117013 19930907 (8)

WO 1992-EP426 19920227

19930907 PCT 371 date

19930907 PCT 102(e) date

PRAI DE 1991-4107283 19910307

DT Utility

FS Granted

EXNAM Primary Examiner: Gorr, Rachel

LREP Drach, John E., Grandmaison, Real J.

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 703

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to spinning finishes containing a lubricant of improved biodegradability, the lubricant consisting of block copolyesters. The block copolyesters are produced from hydrophilic polyethylene glycols and hydrophobic diols selected from the group of polypropylene glycols, polytetrahydrofurans, polycaprolactone diols, hydrogenation products of ricinoleic acid esters, 1,2-alkanediols, α,ω -alkanediols and/or dimeric diols and dicarboxylic acids containing 2 to 36 carbon atoms connecting the blocks A) and B), anhydrides thereof, esters thereof with lower alcohols containing 1 to 8 carbon atoms and/or carbonic diesters of lower alcohols containing 1 to 8 carbon atoms.

L15 ANSWER 36 OF 79 USPATFULL on STN

AN 2001:8112 USPATFULL

TI Agglomerated particles of water-swellaable addition **polymers**,

preparation thereof and use thereof

IN Rubenacker, Martin, Altrip, Germany, Federal Republic of
 Schneider, Reinhard, Fussgonheim, Germany, Federal Republic of
 Nieberle, Jurgen, Wachenheim, Germany, Federal Republic of
 Meyer, Harald, Wachenheim, Germany, Federal Republic of
 Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of

PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
 (non-U.S. corporation)

PI US 6174946 B1 20010116
 WO 9626222 19960829

AI US 1997-894373 19970822 (8)
 WO 1996-EP577 19960210
 19970822 PCT 371 date
 19970822 PCT 102(e) date

PRAI DE 1995-19506287 19950223

DT Utility

FS Granted

EXNAM Primary Examiner: Buttner, David J.

LREP Oblon, Spivak, McClelland, Maier & Neustadt, P.C.

CLMN Number of Claims: 4

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 798

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Agglomerated particles of water-swellaable addition **polymers**,
 the agglomerated particles having an average particle diameter of from
 20 to 5000 μm and consisting of primary particles having an average
 particle diameter of from 0.1 to 15 μm , being preparable by
 polymerization of water-soluble monomers in the presence of from 1' to
 10% by weight of a regulator and at least 2000 ppm, each based on the
 monomers, of a crosslinking agent in the manner of a water-in-oil
 polymerization and subsequent azeotropic removal of water from the
 water-in-oil **polymer** emulsions, containing the primary
 particles, in the presence of agglomerating polyalkylene glycols which

(a) are obtainable by an addition reaction of C.sub.2 -C.sub.4 -alkylene
 oxides with alcohols, phenols, amines or carboxylic acids, and

(b) contain at least 2 polymerized alkylene oxide units,

and disintegrating into the primary particles on introduction into an
 aqueous medium, processes for preparing the agglomerated **polymer**
 particles and use of the agglomerated particles as thickeners for print
 pastes.

L15 ANSWER 37 OF 79 USPATFULL on STN

AN 2000:117845 USPATFULL

TI Thermosetting aqueous compositions

IN Reck, Bernd, Grunstadt, Germany, Federal Republic of
 Wistuba, Eckehardt, Bad Durkheim, Germany, Federal Republic of
 Beckerle, Wilhelm Friedrich, Bobenheim-Roxheim, Germany, Federal
 Republic of

Mohr, Jurgen, Grunstadt, Germany, Federal Republic of
 Kistenmacher, Axel, Ludwigshafen, Germany, Federal Republic of
 Roser, Joachim, Mannheim, Germany, Federal Republic of

PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
 (non-U.S. corporation)

PI US 6114464 20000905
 WO 9745461 19971204

AI US 1998-147310 19981125 (9)
 WO 1997-EP2796 19970528
 19981125 PCT 371 date

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19981125 PCT 102(e) date

PRAI DE 1996-19621573 19960529
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Cameron, Erma
 LREP Oblon, Spivak, McClelland, Maier & Neustadt, P.C.
 CLMN Number of Claims: 22
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1298

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Thermally curable mixtures of hydroxyalkylated polyamines and polycarboxylic acids are formaldehyde-free and particularly useful as binders for shaped articles.

L15 ANSWER 38 OF 79 USPATFULL on STN

AN 1999:110067 USPATFULL
 TI Surfactant compositions
 IN Booth, David John, Cleveland, United Kingdom
 Williams, Martin Spencer, Cleveland, United Kingdom
 PA Imperial Chemical Industries PLC, London, United Kingdom (non-U.S. corporation)
 PI US 5952077 19990914
 WO 9621668 19960718 <--
 AI US 1997-860849 19970826 (8)
 WO 1996-GB5 19960103
 19970826 PCT 371 date
 19970826 PCT 102(e) date

PRAI GB 1995-638 19950113
 GB 1995-17176 19950822
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Morris, Terrel
 CLMN Number of Claims: 37
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1011

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Surfactant compositions including end-capped hydrocarbyl polyalkoxylate and/or fatty acid polyalkoxylate and organopolysiloxane having one or more polyoxyalkylene side chains are good immediate and long term spreaders particularly on fibrous hydrophobic synthetic polymeric substrates such as spun-bonded, non-woven materials made e.g. from polyolefins, especially polypropylene, or PET. Particularly useful **alkoxylates** are of one of the formulae (Ia to Id): R.sup.1 O.(AO.sup.1).sub.n.R.sup.2 (Ia); R.sup.3.CO.sub.2.(AO.sup.1).sub.n.R.sup.2 (Ib); R.sup.14 O.[EO.sub.i.PO.sub.j].R.sup.15 (Ic); or R.sup.14 O.(AO.sup.2).sub.k.(AO.sup.3).sub.l.(AO.sup.2).sub.m.R.sup.15 (Id), where the various substituents and indices have defined meanings and useful silicones include those of the formula (II): R.sup.4.sub.3 SiO.[R.sup.4.sub.2 SiO].sub.x.{(R.sup.4 Si[(O.R.sup.5.(AO.sup.2).sub.m.R.sup.6]O).sub.y.SiR.sup.4.sub.3, where the various substituents and indices have defined meanings. Usually the coating compositions will include specific active materials particularly lubricants especially **alkoxylate** lubricants. The compositions are water compatible (dispersible or soluble) and primarily biodegradable. The coated substrates find application as carpet backing and geotextiles. In carpet backing, the water compatibility of the compositions makes it possible to avoid tip frosting of carpet on subsequent dyeing.

L15 ANSWER 39 OF 79 USPATFULL on STN

09/486,677

AN 1998:159893 USPATFULL
TI Anti-settling lubricity agent for water/oil dispersion compositions
IN Magyar, James S., Bedford, OH, United States
PA The Lubrizol Corporation, Wickliffe, OH, United States (U.S. corporation)
PI US 5851961 19981222 <--
AI US 1996-669864 19960610 (8)
DT Utility
FS Granted
EXNAM Primary Examiner: Tucker, Philip
LREP Cordek, James L., Fischer, Joseph P.
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1957
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB An oil in water dispersion composition is disclosed that comprises a mixture of water and

(A) an overbased non-Newtonian colloidal disperse system comprising

(1) solid metal-containing colloidal particles predispersed in

(2) a disperse medium of at least one inert organic liquid and

(3) at least one member selected from the class consisting of organic compounds which are substantially soluble in the disperse medium, where the molecules of said organic compound have polar substituents and hydrophobic portions;

(B) a water soluble associative thickener comprising a base-neutralized copolymer having copolymerized therein about 90 to about 99 mole percent of a carboxyl-containing, ethylenically unsaturated hydrocarbon and about 1 to about 10 mole percent of a nonionic surfactant acrylate having the formula: ##STR1## wherein R^{sup.1} is hydrogen or methyl, R^{sup.2} is a hydrophobe selected from the group consisting of alkyl and ##STR2## wherein the alkyl contains 4 to 30 carbon atoms, Z is a divalent radical selected from the group consisting of oxyethylene units or mixed oxyalkylene units having the general formula: ##STR3## where n is an integer having values from 2 to 4 and x is an integer having values of about 5 to 40; and

(C) at least one dispersant.

L15 ANSWER 40 OF 79 USPATFULL on STN

AN 1998:122631 USPATFULL
TI Derivatives of terpene origin, surfactant and/or fragrant composition containing them and detergent formulation based on this composition
IN Ricca, Jean-Marc, Lyons, France
Derian, Paul-Noel, Fontenay Aux Roses, France
Hecaen, Jean-Pierre, Stains, France
Mercier, Jean-Michel, Thiais, France
PA Rhone-Poulenc Chimie, Courbevoie Cedex, France (non-U.S. corporation)
PI US 5817885 19981006 <--
AI US 1997-877908 19970618 (8)
RLI Division of Ser. No. US 1995-498261, filed on 3 Jul 1995, now patented, Pat. No. US 5674823
PRAI FR 1994-8366 19940701
DT Utility
FS Granted
EXNAM Primary Examiner: Kopec, Mark
LREP Burns, Doane, Swecker & Mathis, L.L.P.

09/486,677

CLMN Number of Claims: 23
ECL Exemplary Claim: 23
DRWN 3 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 1448

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel derivatives of terpene origin which consist of cycloalkenyls or cycloalkyls having at least seven carbon atoms and possessing surfactant and/or fragrant properties. According to one embodiment, the invention relates to compounds of the formula ##STR1## in which p and q are integers or decimal numbers and are not equal to zero, $0 \leq p \leq 20$, preferably, $0 \leq p \leq 5$, and $0 \leq q \leq 100$, preferably $1 \leq q \leq 20$. The invention further relates to the surfactant and/or fragrant compositions based on the above-mentioned compounds. The invention has particular applicability in detergent and perfume formulations.

L15 ANSWER 42 OF 79 USPATFULL on STN

AN 1998:115902 USPATFULL

TI Methyl-end-capped alkyl and/or alkenyl polyglycol ethers

IN Schmid, Karl, Mettmann, Germany, Federal Republic of
Bigorra Llosas, Joaquim, Sabadell, Spain

PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, Germany, Federal Republic of (non-U.S. corporation)

PI US 5811594 19980922 <--

WO 9606905 19960307 <--

AI US 1997-793703 19970307 (8)

WO 1995-EP3359 19950824

19970303 PCT 371 date

19970303 PCT 102(e) date

PRAI DE 1994-4431158 19940901

DT Utility

FS Granted

EXNAM Primary Examiner: Geist, Gary; Assistant Examiner: Padmanabhan, Sreenivas

LREP Szoke, Ernest G., Jaeschke, Wayne C., Millson, Jr., Henry E.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 405

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methyl-end-capped alkyl and/or alkenyl polyglycol ethers; a process for their production by methylation of products of the addition of **ethylene oxide** and **propylene oxide** to primary alcohols; to formulations containing these substances; and to the use of the substances for the production of surface-active formulations.

L15 ANSWER 43 OF 79 USPATFULL on STN

AN 1998:72583 USPATFULL

TI Fabric softener composition containing poly(oxyalkylene)-substituted colorant

IN Bruhnke, John D., Spartanburg, SC, United States

PA Milliken Research Corporation, Spartanburg, SC, United States (U.S. corporation)

PI US 5770557 19980623 <--

AI US 1997-816680 19970313 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Petruncio, John M.

LREP Moyer, Terry T., Parks, William S.

09/486,677

CLMN Number of Claims: 18

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 767

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A fabric softener composition comprising:

a) from 3 to 50% by weight of fabric softener, or mixtures thereof;

b) a liquid carrier including water, the pH of the composition being less than 7, and

c) from 1 ppm to 5000 ppm of a poly(oxyalkylene)-substituted colorant which is a liquid in its undiluted state having the structure ABXYZ, where B is a reactive dye moiety wherein

A is an organic chromophore;

B is an electrophilic reactive group covalently bonded to A directly or through a linking group;

X is a nucleophilic linking group covalently bonding B and Y, selected from the group consisting of NR, O, S, and 4-oxyanilino (--HN--Ph--O--); where R is selected from the group consisting of H, alkyl, aryl, and YZ;

Y is a poly(oxyalkylene)-containing moiety; and

Z is a terminal group for Y.

L15 ANSWER 44 OF 79 USPATFULL on STN

AN 1998:57863 USPATFULL

TI Liquid compositions comprising copolymer mildness actives

IN He, Mengtao, Wayne, NJ, United States

Fair, Michael, Hackensack, NJ, United States

Massaro, Michael, Congers, NY, United States

PA Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)

PI US 5756439 19980526

<--

AI US 1996-616945 19960318 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Medley, Margaret

LREP Koatz, Ronald A.

CLMN Number of Claims: 8

ECL Exemplary Claim: 1

DRWN 6 Drawing Figure(s); 4 Drawing Page(s)

LN.CNT 680

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to liquid detergent compositions comprising anionic/amphoteric surfactant systems. Addition of specific EO-PO copolymers wherein ratio of anionic to EO-PO polymer is defined has been found to remarkably enhance mildness. In a second embodiment, the invention relates to a method for enhancing mildness in liquid detergent compositions comprising anionic surfactant by adding said defined EO-PO polymers.

L15 ANSWER 46 OF 79 USPATFULL on STN

AN 97:117999 USPATFULL

TI Nonaqueous gelled automatic dishwashing composition

IN Gorlin, Philip A., Monmouth Junction, NJ, United States

Kenkare, Divaker, Asbury, NJ, United States

Phillips, Steve, Highland Park, NJ, United States
 PA Colgate-Palmolive Co., Piscataway, NJ, United States (U.S. corporation)
 PI US 5698507 19971216 <--
 AI US 1996-716812 19960910 (8)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Boyer, Charles
 LREP Nanfeldt, Richard
 CLMN Number of Claims: 4
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 339

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An automatic dishwashing compositions containing a mixture of an acid resistant protease enzyme and an acid resistant amylase enzyme have been found to be very useful in the removal of protein and carbohydrate soils from dishware at operating temperatures of 100° F. to 140° F.

L15 ANSWER 47 OF 79 USPATFULL on STN

AN 97:101858 USPATFULL

TI Agglomerated **polymer** particles of finely divided, water-soluble or water-swellaable **polymers**, the preparation thereof and the use thereof
 IN Schneider, Reinhard, Frankenthal, Germany, Federal Republic of Grund, Norbert, Ludwigshafen, Germany, Federal Republic of Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of
 PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)
 PI US 5684107 19971104 <--
 AI US 1994-222587 19940404 (8)
 RLI Division of Ser. No. US 1993-104066, filed on 9 Aug 1993, now patented, Pat. No. US 5346986
 PRAI DE 1991-4103969 19910209
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Weber, Thomas R.
 LREP Oblon, Spivak, McClelland, Maier & Neustadt, P.C.
 CLMN Number of Claims: 15
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1137

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Agglomerated **polymer** particles of finely divided, water-soluble or water-swellaable **polymers** are prepared by azeotropic dewatering of water-in-oil emulsions of water-soluble or water-swellaable **polymers** in the presence of from 1 to 40% by weight, based on the **polymers**, of polyalkylene glycols which

(a) are obtainable by an addition reaction of C.sub.2 -C.sub.4 -alkylene oxides with alcohols, phenols, amines or carboxylic acids and

(b) contain not less than 2 polymerized alkylene oxide units

and isolation of the agglomerated **polymer** particles. The water-soluble agglomerated **polymer** particles are used as flocculants and retention and drainage aids, while the water-swellaable **polymer** powders are employed as thickeners for aqueous systems, in particular as thickeners for textile print pastes.

L15 ANSWER 49 OF 79 USPATFULL on STN

AN 97:29131 USPATFULL

TI Nonaqueous liquid automatic dishwashing composition containing enzymes
 IN Durbut, Patrick, Verviers, Belgium
 Ahmed, Fahim U., Plainsboro, NJ, United States
 Drapier, Julien, Seraing, Belgium
 PA Colgate Palmolive Co., Piscataway, NJ, United States (U.S. corporation)
 PI US 5618465 19970408 <--
 AI US 1994-277279 19940721 (8)
 RLI Continuation of Ser. No. US 1992-928622, filed on 11 Aug 1992 which is a
 continuation-in-part of Ser. No. US 1991-708558, filed on 31 May 1991,
 now abandoned Ser. No. US 1991-708571, filed on 31 May 1991,
 now patented, Pat. No. US 5240633 And Ser. No. US 1991-708322, filed on
 31 May 1991, now abandoned
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Fries, Kery
 LREP Nanfeldt, Richard E., Grilll, Murray
 CLMN Number of Claims: 6
 ECL Exemplary Claim: 1
 DRWN 5 Drawing Figure(s); 5 Drawing Page(s)
 LN.CNT 1158

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Nonaqueous liquid automatic dishwashing compositions containing a
 mixture of a protease enzyme and an amylase enzyme have been found to be
 very useful in the removal of protein and carbohydrate soils from
 dishware at operating temperatures of 100° F. to 140° F.

L15 ANSWER 52 OF 79 USPATFULL on STN

AN 96:53002 USPATFULL
 TI Nonaqueous gelled automatic dishwashing composition containing enzymes
 IN Kenkare, Divaker, Asbury, NJ, United States
 Dixit, Nagaraj, Plainsboro, NJ, United States
 Durbut, Patrick, Verviers, Belgium
 PA Colgate Palmolive Co., Piscataway, NJ, United States (U.S. corporation)
 PI US 5527483 19960618 <--
 AI US 1994-220643 19940331 (8)
 RLI Continuation-in-part of Ser. No. US 1993-15051, filed on 8 Feb 1993
 which is a continuation-in-part of Ser. No. US 1992-928622, filed on 11
 Aug 1992 which is a continuation-in-part of Ser. No. US 1991-708558,
 filed on 31 May 1991, now abandoned And a continuation-in-part of Ser.
 No. US 1991-708571, filed on 31 May 1991, now patented, Pat. No. US
 5240633 And a continuation-in-part of Ser. No. US 1991-708322, filed on
 31 May 1991, now abandoned And a continuation-in-part of Ser. No. US
 1992-938070, filed on 31 Aug 1992 which is a continuation-in-part of
 Ser. No. US 1991-797605, filed on 25 Nov 1991, now abandoned which is a
 continuation-in-part of Ser. No. US 1991-708566, filed on 31 May 1991,
 now abandoned And a continuation-in-part of Ser. No. US 1992-837316,
 filed on 10 Feb 1992, now abandoned which is a continuation-in-part of
 Ser. No. US 1991-708320, filed on 31 May 1991, now abandoned And a
 continuation-in-part of Ser. No. US 1992-833472, filed on 10 Feb 1992,
 now abandoned which is a continuation-in-part of Ser. No. US
 1991-708321, filed on 31 May 1991, now patented, Pat. No. US 5169553
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Fries, Kery
 LREP Nanfeldt, Richard E., Sullivan, Robert C., Grilll, Murray
 CLMN Number of Claims: 8
 ECL Exemplary Claim: 1
 DRWN 5 Drawing Figure(s); 5 Drawing Page(s)
 LN.CNT 1167

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Nonaqueous gelled automatic dishwashing compositions containing a
 mixture of a protease enzyme and an amylase enzyme have been found to be

very useful in the removal of protein and carbohydrate soils from dishware at operating temperatures of 100° F. to 140° F.

L15 ANSWER 54 OF 79 USPATFULL on STN

AN 96:24704 USPATFULL

TI Plasticware-compatible rinse aid

IN Man, Victor F., Minneapolis, MN, United States

PA Ecolab Inc., St. Paul, MN, United States (U.S. corporation)

PI US 5501815 19960326 <--

AI US 1994-312460 19940926 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Gibson, Sharon; Assistant Examiner: Hailey, Patricia L.

LREP Merchant, Gould, Smith, Edell, Welter & Schmidt

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1015

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A plasticware-compatible low-foaming rinse aid and method for using such rinse-aid to effectuate sheeting of aqueous rinse liquid from solid surface. The rinse aid comprises alkyl polyglycoside (APG) and reverse, polyoxyethylene-containing polyoxyalkylene block copolymer. The aqueous rinse solution obtained by diluting the rinse aid with water is compatible with thermoplastics such as polycarbonate and polysulfone.

L15 ANSWER 59 OF 79 USPATFULL on STN

AN 94:80070 USPATFULL

TI Agglomerated **polymer** particles of finely divided, water-soluble or water-swellaable **polymers**, the preparation thereof and the use thereof

IN Schneider, Reinhard, Frankenthal, Germany, Federal Republic of

Grund, Norbert, Ludwigshafen, Germany, Federal Republic of

Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of

PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

PI US 5346986 19940913 <--

AI US 1993-104066 19930809 (8)

PRAI DE 1991-4103969 19910209

DT Utility

FS Granted

EXNAM Primary Examiner: Schofer, Joseph L.; Assistant Examiner: Weber, Tom

LREP Oblon, Spivak, McClelland, Maier & Neustadt

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1054

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Agglomerated **polymer** particles of finely divided, water-soluble or water-swellaable **polymers** are prepared by azeotropic dewatering of water-in-oil emulsions of water-soluble or water-swellaable **polymers** in the presence of from 1 to 40% by weight, based on the **polymers**, of polyalkylene glycols which

(a) are obtainable by an addition reaction of C.sub.2 -C.sub.4 -alkylene oxides with alcohols, phenols, amines or carboxylic acids and

(b) contain not less than 2 polymerized alkylene oxide units

and isolation of the agglomerated **polymer** particles. The water-soluble agglomerated **polymer** particles are used as

flocculants and retention and drainage aids, while the water-swellaable **polymer** powders are employed as thickeners for aqueous systems, in particular as thickeners for textile print pastes.

L15 ANSWER 60 OF 79 USPATFULL on STN

AN 94:48899 USPATFULL

TI Liquid automatic dishwashing composition containing two enzymes

IN Krishnan, Santhana, Monmouth Jct., NJ, United States

PA Colgate-Palmolive Company, Piscataway, NJ, United States (U.S. corporation)

PI US 5318715 19940607 <--

AI US 1991-708570 19910531 (7)

DCD 20090310

DT Utility

FS Granted

EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Fries, Kery

LREP Nanfeldt, Richard E., Sullivan, Robert C., Grill, Murray

CLMN Number of Claims: 6

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 869

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Liquid automatic dishwashing compositions containing a binary mixture of Maxacal enzyme and Maxamyl enzyme have been found to be very useful in the removal of protein and carbohydrate soils from dishware at normal dishwasher operating temperatures.

L15 ANSWER 62 OF 79 USPATFULL on STN

AN 93:91727 USPATFULL

TI Preparation of finely divided, water-soluble **polymers**

IN Niessner, Manfred, Schifferstadt, Germany, Federal Republic of

Wickel, Stefan, Ludwigshafen, Germany, Federal Republic of

Schneider, Walter, Ludwigshafen, Germany, Federal Republic of

Beck, Juergen, Viernheim, Germany, Federal Republic of

Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of

Meyer, Thomas, Boehl-Iggelheim, Germany, Federal Republic of

PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

PI US 5258473 19931102 <--

AI US 1991-663019 19910301 (7)

DCD 20090922

RLI Continuation-in-part of Ser. No. US 1989-438876, filed on 20 Nov 1989, now patented, Pat. No. US 5149750, issued on 22 Sep 1992

PRAI DE 1990-4007313 19900308

DT Utility

FS Granted

EXNAM Primary Examiner: Schofer, Joseph L.; Assistant Examiner: Weber, Tom

LREP Oblon, Spivak, McClelland, Maier & Neustadt

CLMN Number of Claims: 3

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 608

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Finely divided, water-soluble **polymers** are prepared by polymerization of water-soluble, monoethylenically unsaturated monomers in not less than 20% strength by weight aqueous solution in the presence of a polymerization initiator in a kneader by a process in which from 0.1 to 10% by weight, based on the total monomers, of a surfactant are used in the polymerization, the polymerization initially being carried out to a conversion of the monomers of not less than 60% in the absence of the surfactant or in the presence of not more than 50% of the amount of surfactant, and the remaining amount of surfactant then being added

to the reaction mixture and the polymerization completed. The addition of surfactant causes the **polymer** gel to disintegrate with formation of fine particles.

L15 ANSWER 63 OF 79 USPATFULL on STN

AN 93:71786 USPATFULL

TI Liquid automatic dishwashing composition containing enzymes

IN Ahmed, Fahim U., Dayton, NJ, United States

Durbut, Patrick, Verviers, Belgium

Drapier, Julien, Seraing, Belgium

PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)

PI US 5240633 19930831 <--

AI US 1991-708571 19910531 (7)

DT Utility

FS Granted

EXNAM Primary Examiner: Clingman, A. Lionel; Assistant Examiner: Fries, Kery A.

LREP Nanfeldt, Richard E., Sullivan, Robert C., Grill, Murray

CLMN Number of Claims: 15

ECL Exemplary Claim: 1,2

DRWN 3 Drawing Figure(s); 3 Drawing Page(s)

LN.CNT 969

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Nonaqueous liquid automatic dishwashing compositions containing a binary mixture of Protein Engineered Maxacal (Maxapem 15 and Maxapem 42), enzyme and Maxamyl enzyme have been found to be very useful in the removal of protein and carbohydrate soils from dishware at operating temperatures of about 100° F. to about 140° F.

L15 ANSWER 64 OF 79 USPATFULL on STN

AN 93:22771 USPATFULL

TI **Alkoxyated vinyl polymer** demulsifiers

IN Stephenson, William K., Sugar Land, TX, United States

PA Nalco Chemical Company, Naperville, IL, United States (U.S. corporation)

PI US 5196486 19930323 <--

AI US 1990-569626 19900820 (7)

RLI Division of Ser. No. US 1989-325165, filed on 17 Mar 1989, now patented, Pat. No. US 4968449

DT Utility

FS Granted

EXNAM Primary Examiner: Stoll, Robert L.; Assistant Examiner: Metzmaier, Daniel S.

LREP Ailes, Ohlandt & Greeley

CLMN Number of Claims: 7

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 450

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for making an **alkoxyated vinyl polymer** comprising the steps of vinyl polymerizing at least one hydrophobic monomer and at least one hydrophilic monomer in the presence of a initiator and at a temperature of about 70°-160° C.
Alkoxyate said vinyl **polymer** with at least one alkylene oxide selected from the group consisting of **ethylene oxide, propylene oxide, and butylene oxide** wherein said alkylene oxide is present in an amount of 2 to 40%.

L15 ANSWER 67 OF 79 USPATFULL on STN

AN 92:18718 USPATFULL

TI Nonaqueous liquid automatic dishwasher detergent composition

IN Ahmed, Fahim U., Dayton, NJ, United States

Buck, Charles E., Caldwell, NJ, United States
Jakubicki, Gary, Robbinsville, NJ, United States
PA Colgate-Palmolive Co., Piscataway, NJ, United States (U.S. corporation)
PI US 5094771 19920310 <--
AI US 1991-520337 19910507 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Higgins, Erin
LREP Nanfeldt, Richard E., Sullivan, Robert C., Grill, Murray
CLMN Number of Claims: 17
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 933
AB The application is directed to a nonaqueous liquid automatic dishwasher detergent composition with improved anti-filming and anti-spotting properties and to a method of using the detergent composition. The detergent composition comprises a nonaqueous organic carrier liquid, silica, alumina or titanium dioxide anti-filming agent, a water soluble polyacrylate anti-spotting agent, inorganic builder salts, bleach compound and detergent. The compositions provide reduced filming and spotting on dishware, glassware, china and the like, particularly in hard water. The nonaqueous liquid automatic dishwasher detergent compositions are stable in storage and are readily dispersible in water.

L15 ANSWER 68 OF 79 USPATFULL on STN

AN 90:85386 USPATFULL
TI **Alkoxyated vinyl polymer** demulsifiers
IN Stephenson, William K., Sugar Land, TX, United States
PA Nalco Chemical Company, Naperville, IL, United States (U.S. corporation)
PI US 4968449 19901106 <--
AI US 1989-325165 19890317 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Lovering, Richard D.; Assistant Examiner: Metzmaier, Daniel S.
LREP Ailes, Ohlandt & Greeley
CLMN Number of Claims: 9
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 455

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A demulsifier comprising: a vinyl **polymer** having a site capable of being **alkoxyated**; and at least one alkylene oxide selected from the group consisting of: **ethylene oxide**, **propylene oxide**, butylene oxide, and the like. For example, **ethylene oxide** may be present in an amount of about 1 to 40 weight percent, and/or **propylene oxide** may be present in an amount of about 1 to 40 weight percent. The vinyl **polymer** contains at least one hydrophobic monomer and at least one hydrophilic monomer, wherein the hydrophobic monomer and/or the hydrophilic monomer contain sites which are capable of being **alkoxyated**.

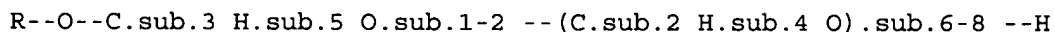
L15 ANSWER 69 OF 79 USPATFULL on STN

AN 90:81541 USPATFULL
TI Liquid nonionic surfactant mixtures
IN Jeschke, Peter, Neuss, Germany, Federal Republic of
Kiewert, Eva, Duesseldorf, Germany, Federal Republic of
Nieendick, Claus, Krefeld, Germany, Federal Republic of
Nuesslein, Hans, Langenfeld, Germany, Federal Republic of
Sandkuehler, Peter, Hilden, Germany, Federal Republic of
PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, Germany, Federal

Republic of (non-U.S. corporation)
 PI US 4965014 19901023 <--
 AI US 1989-361672 19890601 (7)
 RLI Continuation of Ser. No. US 1987-137117, filed on 22 Dec 1987, now abandoned
 PRAI DE 1986-3643895 19861222
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Lieberman, Paul; Assistant Examiner: Ghyka, Alexander
 LREP Szoke, Ernest G., Jaeschke, Wayne C., Ortiz, Daniel S.
 CLMN Number of Claims: 20
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 596

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a liquid mixture of **propylene oxide-ethylene oxide** derivatives of alcohols corresponding to the following formula



in which R is a linear alkyl or alkenyl radical which may be methyl-branched in the 2-position, and which has the following chain distribution: C.sub.8 =0 to 5%, C.sub.9-10 =75 to 90%, C.sub.11-12 =5 to 15%, C.sub.13-14 =4 to 10%, C.sub.15-16 =0 to 3%. By virtue of its physical and washing-active properties, the mixing is suitable as a readily biodegradable substitute for alkylphenol ethoxylates.

L15 ANSWER 70 OF 79 USPATFULL on STN

AN 89:10707 USPATFULL
 TI Cationic soil release **polymers**
 IN O'Lenick, Jr., Anthony J., Lilburn, GA, United States
 Fanelli, Joseph J., Alpharetta, GA, United States
 PA GAF Corporation, Wayne, NJ, United States (U.S. corporation)
 PI US 4804483 19890214 <--
 AI US 1988-144482 19880113 (7)
 RLI Continuation of Ser. No. US 1987-54028, filed on 26 May 1987, now patented, Pat. No. US 4738787
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Clingman, A. Lionel; Assistant Examiner: Le, Hoa Van
 LREP Maue, Marilyn J., Ward, Joshua J.
 CLMN Number of Claims: 15
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 545

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present application relates to cationic block polyesters useful as soil release agents, softeners and antistatic agents. In addition to cleaning performance, laundry detergent compositions should have other benefits. One is the ability to impart soil release properties to fabrics woven from polyester fibers.

L15 ANSWER 71 OF 79 USPATFULL on STN

AN 88:75609 USPATFULL
 TI Liquid laundry detergent-bleach composition and method of use
 IN Broze, Guy, Grace-Hollogne, Belgium
 Laitem, Leopold, Orp-Jauche, Belgium
 Bastin, Danielle, Soumagne, Belgium
 PA Colgate-Palmolive Company, New York, NY, United States (U.S. corporation)
 PI US 4786431 19881122 <--

09/486,677

AI US 1987-70126 19870706 (7)
RLI Continuation of Ser. No. US 1985-717726, filed on 29 Mar 1985 which is a continuation-in-part of Ser. No. US 1984-687815, filed on 31 Dec 1984, now patented, Pat. No. US 4753750
DT Utility
FS Granted
EXNAM Primary Examiner: Willis, Prince E.
LREP Grill, M. M., Blumenkopf, N.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1211

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB In a liquid laundry detergent composition containing a perborate bleach, hydroxylamine sulfate is added as a bleach stabilizer and specifically as an inhibitor of catalase, an enzyme present in natural body soils, which enzyme will rapidly decompose hydrogen peroxide, the active bleaching component of the perborate bleach. The preferred compositions are non-aqueous liquids based on liquid nonionic surfactants and preferably include a detergent builder salt suspended in the liquid nonionic surfactant.

L15 ANSWER 72 OF 79 USPATFULL on STN

AN 88:60813 USPATFULL
TI Emulsion polymerization compositions containing 2-alkyl-1-alkanol polyglycolethers
IN Hoefer, Rainer, Duesseldorf, Germany, Federal Republic of
Wegemund, Bernd, Haan, Germany, Federal Republic of
Krause, Horst-Juergen, Duesseldorf, Germany, Federal Republic of
PA Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, Germany, Federal Republic of (non-U.S. corporation)
PI US 4772670 19880920 <--
AI US 1986-900580 19860826 (6)
DCD 20040310
PRAI DE 1985-3530405 19850826
DT Utility
FS Granted
EXNAM Primary Examiner: Schofer, Joseph L.; Assistant Examiner: Kulkosky, Peter F.
LREP Szoke, Ernest G., Millson, Jr., Henry E.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 504

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Use of, and composition containing the reaction products of primary 2-alkyl-1-alkanols containing from 12 to 36 carbon atoms with **ethylene oxide** and/or **propylene oxide** as emulsifiers or co-emulsifiers in the emulsion polymerization of ethylenically unsaturated monomers.

L15 ANSWER 73 OF 79 USPATFULL on STN

AN 88:40452 USPATFULL
TI Liquid laundry detergent composition and method of use
IN Ouhadi, Trazollah, Liege, Belgium
Broze, Guy, Grace Hollogne, Belgium
Dehan, Louis, Seraing, Belgium
Bastin, Danielle, Soumagne, Belgium
PA Delaware, New York, NY, United States (U.S. corporation)
PI US 4753750 19880628 <--
AI US 1984-687815 19841231 (6)
DT Utility

09/486,677

FS Granted
EXNAM Primary Examiner: Willis, Prince E.
LREP Blumenkopf, N., Sylvester, H. S., Grill, M. M.
CLMN Number of Claims: 12
ECL Exemplary Claim: 1
DRWN 3 Drawing Figure(s); 3 Drawing Page(s)
LN.CNT 1043

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A liquid heavy duty laundry detergent composition comprising a suspension of builder salt in liquid nonionic surfactant. To improve dispensibility in automatic washing machines, the composition contains as a viscosity and gel controlling agent an alkylene glycol monoalkyl ether, especially diethyleneglycol monobutyl ether.

L15 ANSWER 74 OF 79 USPATFULL on STN

AN 84:35602 USPATFULL
TI Process for the preparation of easily dispersible, high color strength, powdered alkali blue pigments
IN Iyengar, Doreswamy R., Holland, MI, United States
 Jesse, Joachim, Weisenheim, Germany, Federal Republic of
PA BASF Wyandotte Corporation, Wyandotte, MI, United States (U.S. corporation)
PI US 4456485 19840626 <--
AI US 1983-466759 19830215 (6)
RLI Continuation-in-part of Ser. No. US 1981-271438, filed on 8 Jun 1981, now patented, Pat. No. US 4373962 And Ser. No. US 1981-271594, filed on 8 Jun 1981, now patented, Pat. No. US 4383865

DT Utility
FS Granted
EXNAM Primary Examiner: Poer, James
LREP Swick, Bernhard R.
CLMN Number of Claims: 37
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1000

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Easily dispersible alkali blue pigments with high color strength are obtained if the pigment is precipitated in the presence of (1) primary, secondary or tertiary aliphatic amines, (2) N-alkylamino alkanic acid, (3) a diaryl or triarylamine, (4) an acid or neutral aliphatic ester of phosphoric acid, (5) a half ester of sulfuric acid based on **fatty alcohol, fatty alcohol-EO** adducts or alkyl phenol-EO adducts, (6) an alkane or alkene sulfonic acid on a dialkylsulfimide, (7) EO adducts based on alkylphenols, alkanols or alkylamines, (8) polypropylene glycol or **PO/EO** block copolymers based on alkane diols or alkane polyols or in the presence of mixtures of these compounds or is mixed with at least one of the substances listed under (1) to (8) after the precipitation with acid in the acid suspension and is isolated.

Alkali blue pigments are obtained which are easily dispersible in offset printing ink varnishes and which result in excellent color strength of the printed matter.

L15 ANSWER 75 OF 79 USPATFULL on STN

AN 81:55947 USPATFULL
TI Spin finish with anti-static agent
IN Anderson, Norman, Matthews, NC, United States
 Peak, Richard, Manchester, England
 Moyse, James A., Manchester, England
PA Imperial Chemical Industries Limited, London, England (non-U.S. corporation)

09/486,677

PI US 4294709 19811013 <--
AI US 1980-110994 19800110 (6)
PRAI GB 1979-2933 19790126
GB 1979-19385 19790604
DT Utility
FS Granted
EXNAM Primary Examiner: Schofer, Joseph L.; Assistant Examiner: Tungol, Maria Parrish
LREP Cushman, Darby & Cushman
CLMN Number of Claims: 4
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 360

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A spin finish composition for textile fibre or yarn including a lubricant and antistatic agent, optionally an additional emulsifier and an antioxidant, in which the antistatic agent is an N,N'-dialkylamino alcohol **alkoxylate**. The finish is less prone to coking of heater plates in yarn texturing machines.

L15 ANSWER 76 OF 79 USPATFULL on STN

AN 81:27662 USPATFULL
TI Acrylic acid-acrylate copolymer thickening agents
IN Koenig, Harvey S., Charlotte, NC, United States
Bryant, George M., Charleston, WV, United States
PA Union Carbide Corporation, New York, NY, United States (U.S. corporation)

PI US 4268641 19810519 <--
AI US 1980-154521 19800529 (6)
RLI Continuation-in-part of Ser. No. US 1979-32771, filed on 24 Apr 1979, now abandoned
DT Utility
FS Granted
EXNAM Primary Examiner: Kight, III, John
LREP Crowe, Bernard Francis
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 501

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Copolymers of acrylic acid and nonionic surfactant acrylates have been found to be useful thickening agents for both aqueous solutions and water/liquid hydrocarbon emulsions.

L15 ANSWER 77 OF 79 USPATFULL on STN

AN 81:10518 USPATFULL
TI Lubricant compositions for finishing synthetic fibers
IN Decker, Quintin W., St. Albans, WV, United States
Marcus, Erich, Charleston, WV, United States
Koenig, Harvey S., Charleston, WV, United States
PA Union Carbide Corporation, New York, NY, United States (U.S. corporation)

PI US 4252528 19810224 <--
AI US 1979-25663 19790330 (6)
DT Utility
FS Granted
EXNAM Primary Examiner: Schofer, Joseph L.; Assistant Examiner: Lilling, Herbert J.
LREP Schoenberg, Franklyn
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN No Drawings

09/486,677

LN.CNT 1858

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A spin finish for synthetic fibers has been developed consisting essentially of a thermally stable lubricant and a surfactant derived from an **ethylene oxide/propylene oxide** block co-polymer adduct of an alkylated phenol.

L15 ANSWER 78 OF 79 USPATFULL on STN

AN 76:53077 USPATFULL

TI Oil removal detergent compositions

IN Collins, Jerome H., Cincinnati, OH, United States

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

PI US 3983078 19760928 <--

AI US 1975-589117 19750623 (5)

RLI Continuation-in-part of Ser. No. US 1973-406413, filed on 15 Oct 1973, now abandoned

PRAI CA 1974-210835 19741007

DT Utility

FS Granted

EXNAM Primary Examiner: Albrecht, Dennis L.

LREP Filcik, Julius P., Aylor, Robert B., O'Flaherty, Thomas H.

CLMN Number of Claims: 1

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 827

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for dissolving oils and oily soils employing specific mixtures of short-chain and long-chain alkylene oxide nonionic surface active agents. The compositions herein can be employed singly in aqueous laundry baths to remove oily materials from fabrics, or can be admixed with commercial detergent compositions to boost the oil removal properties thereof.

L15 ANSWER 79 OF 79 USPATFULL on STN

AN 75:39089 USPATFULL

TI Washing agents containing a textile softener and process of washing and softening textiles

IN Eckert, Hans-Werner, Dusseldorf, Germany, Federal Republic of

Lehmann, Hans-Jurgen, Mettmann, Germany, Federal Republic of

PA Henkel & Cie GmbH, Dusseldorf, Germany, Federal Republic of (non-U.S. corporation)

PI US 3897347 19750729 <--

AI US 1972-303274 19721102 (5)

PRAI DE 1971-2157785 19711122

DT Utility

FS Granted

EXNAM Primary Examiner: Lechert, Jr., Stephen J.

LREP Hammond & Littell

CLMN Number of Claims: 23

ECL Exemplary Claim: 1,14

DRWN No Drawings

LN.CNT 1070

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a process for washing and softening of textiles with the use of washing liquors with a definite content of (1) anionic and, optionally, nonionic tensides, (2) the adduct of 1 to 3 mols of a lower alkylene oxide, particularly **ethylene oxide** and/or **propylene oxide**, to an N-alkylated-alkanediamine with 2 to 6 carbon atoms in the alkane and an aliphatic hydrocarbon with 8 to 24 carbon atoms in the N-alkylated moiety, as a textile softener, and (3) builders, and agents for the performance of

09/486,677

the process.

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

366.36

637.39

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